

Volume

#

R0285

INDEX DIAGRAM.

Township 28 S., Range 5 W.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman.

, Moundman.

Subscribed and sworn to before me this }
day of , 189 }

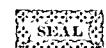


WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Axman.

, Axman.

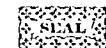
Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

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Subscribed and sworn to before me this }
day of , 189 }



INDEX DIAGRAM.

Township 27 S., Range 5 W.

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Meanders Page.....

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....., Chainman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 189 }



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INDEX DIAGRAM.

Township 26 S., Range 5 W.

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210 209 208 207 206 205					

Meanders Page.....

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, Chainman

, Chainman

Subscribed and sworn to before me this }
day of , 189 }



WE, and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman

, Moundman

Subscribed and sworn to before me this }
day of , 189 }



WE, and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Axman

, Axman

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman

Subscribed and sworn to before me this }
day of , 189 }



INDEX DIAGRAM.

Township 26 S., Range 10 E.

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Meanders Page.....

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, Chainma

, Chainma

Subscribed and sworn to before me this }
day of, 189 }



WE, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundma

, Moundma

Subscribed and sworn to before me this }
day of, 189 }



WE, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axman

, Axma

Subscribed and sworn to before me this }
day of, 189 }



I,, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman

Subscribed and sworn to before me this }
day of, 189 }



INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the
chain over even and uneven ground, and plumb the tally plus, either by striking or dropping the same; that
we will report the true distances to all notable objects, and the true lengths of all lines that we assist
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

....., Chainman

....., Chainman

Subscribed and sworn to before me this }
day of , 189 }
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We, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment
of corners, according to the instructions given us, to the best of our skill and ability, in the survey

....., Moundman

....., Moundman

Subscribed and sworn to before me this }
day of , 189 }
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We, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner
and other duties, according to instructions given us, to the best of our skill and ability, in the survey

....., Axman

....., Axman

Subscribed and sworn to before me this }
day of , 189 }
 \



I, do solemnly swear that I will well and truly
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the
survey of

....., Flagman

Subscribed and sworn to before me this }
day of , 189 }
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INDEX DIAGRAM.

Township 28 S., Range 6 E.

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

PRELIMINARY OATHS OF ASSISTANT S.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that
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, Chainman

, Chainman

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of
corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundma

, Moundma

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners
and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axma

, Axma

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the
survey of

, Flagm

Subscribed and sworn to before me this }
day of , 189 }



FIELD NOTES

OF THE SURVEY OF THE

Subdivisions
of
Township No. 28 South
Range no. 5 West.

of the Salt Lake Base and Meridian,
In the state of Utah

AS SURVEYED BY

Lubert D. Page by Harry Evans, United States Deputy Surveyor,
Under his Contract No. 237, dated November 24th, 1899
Survey commenced September 12th, 1899
Survey completed September 24th, 1899

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Sub-Lot No. 49-34-72 ✓
Closing - 33-10 ✓

NAMES AND DUTIES OF ASSISTANTS.

Willie Y. Neal Chairman

Alfred H. Shadley "

Eason H. Alfred. Manager

Elio S. Allen. Assistant

Herbert Rice. "

Eason H. Alfred. Manager

To preliminary affidavits see book, Isp 295, Pg. 117.

Brown v. Burke 287, Pg. 273.

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Volume

#

R0285

BOOK A-285

INDEX DIAGRAM.

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Meanders Page _____

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....., Chainmen

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We, and

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....., Moundmen

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We, and

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....., Axmen

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day of , 189 }



Subdivision of T. 28 S. R. 5 W.

Survey Commenced, Sept. 18, 1900
and finished with a H. and L. E.
Gibson light mountain transit
No. 1 - with solar attachment.

The horizontal limb is
provided with two double
 verniers placed opposite to
each other, reading to single
 minutes of arc, which is
also the least count of the
 verniers of the latitude and
 declination arcs.

The instrument was examined,
 tested on the true meridian
 at Salt Lake City, found correct
 and was approved by the
 Surveyor general for Utah,
 June 16, 1900.

We examine the adjustments
 of the transit, and correct the
 level and collimation error
 then to test the solar
 apparatus by comparing its
 indications resulting from
 solar observations made during
 A. M. and P. M. hours, with the
 true meridian determined by
 observations on Polaris.
 We proceed as follows:

At the col. of Secs. 35 and 36, on
 the south boundary of T. 28 S. R.
 5 W. sixty-four degrees latitude $38^{\circ} 20' N.$
 longitude $112^{\circ} 25' W.$

We set off $38^{\circ} 20' N.$ on the lat.
 arc; $4^{\circ} 06' W.$ on decl. arc; and at
 4 p. M. it. 21. - determine a
 true meridian with the solar,
 and mark a point thereof on a

BOOK NO. 2

Subdivision of T. & S. R. & W. Contin.

stone firmly set in the ground.
5 chs. N. of the cor.

Sept. 12, 1900

Sept. 13.

At 1⁴⁵ A.M. I m.t. we observe Polaris at upper culmination, in accordance with Manual of Instructions, and mark the true meridian thus determined by cutting a small groove in the stone set at 4 p.m. Sept. 12, on which the true meridian falls 0.3 ins. east of the mark determined by the solar.

At 8 A.M. I m.t. we set off $38^{\circ}20'$ on the lat. arc. $3^{\circ}51'00''$ on the decl. arc and mark a point in the true meridian determined with the solar by a cross on the stone already set 5 chs N. of our station; this mark falls 0.8 ins. east of the true meridian established by the 13th observation.

The solar apparatus by p.m. and A.M. observations defines positions for true meridians respectively about $8^{\circ}16'$ west and $0^{\circ}11'$ east of the meridian established by the Polaris observation. Therefore we conclude that the adjustments of the instrument are satisfactory.

Subdivision of T 28 N. & R. Cont'd.

secs.

The magnetic bearing of the
line meridian at T 28 R. is
as 91° 15' 56" Ir. - the angle being
determined, selected by the
table, page 100, given the
mean mag. decl. 15° 47' 6".

From the cor. already described
we run

91° 1' Ir. abt. sec. 35 " 36

Over rolling land, crossed
through heavy aspen and
fir timber.

40.00 Set a - backly - stone 12' 11" 6".
8 ins. in the ground,
for 4 sec. cor. marked 4 A.
35, on Ir. and 36 on C faces;
and raise a mound of stones,
8 ft. base, 15 ft. high, W. of
Cor. Posts impracticable.
All trees within limits are
fire killed.

59.00 North fork of Beaver Creek, & the
whole, great water, runs deep
in a ravine, 150 ft. deep.
Course S. Ir.

80.00 Set a - backly - stone 14' 11" 6".
10 ins. in the ground, for cor.
of secs. 25, 26, 35 " 36, marked
with 1, north on A, " C
edges, from which

D. aspen, 12 ins. diam., bears
N. 45° E. 28 M. dist. marked
T 28 R. 6 Sec. A 25, N. E.

D. aspen, 8 ins. diam., bears

S. 10° E. 24 M. dist. marked
T 28 R. 6 Sec. 36, N. E.

D. aspen, 7 ins. diam., bears

S. 30° W. 28 M. dist. marked
T 28 R. 6 Sec. 35, N. E.

Subdivision of T. 28 S. R. 5 It. Com.

Chains	
	A aspen, 3 ins. diam., bears 11.40 lbs, 17 lbs. dist. marked T. 28 S. R. 5 It. S. 26. B. T.
	Land rolling Soil stony 3 rd Rate Timber, aspen and pine Heavily timbered 80.00 chs
	E. on a random line bet. secs. 25 and 36. Set. temp. 4 sec. Cor. Intersect E. bdy. of Th. At Cor. of secs. 25, 30, 31 and 36. Hasty forced described Thence we run E. on a line line bet. secs. 25 and 36. Descend through dense artemesia Bottom of ravine, 100 ft. deep. Course S. Ascend through heavy aspen and pinyon timber.
40.00	Top of ridge, bears It. and S.
79.85	Descend.
7.00	Set. a trachyte stone 16 x 14 x 8 ins. 11 ins. in the ground, for 4 sec. Cor. marked $\frac{1}{4}$ S. 25. on It. and 36. on S. faces from which
39.50	A. aspen, 6 ins. diam., bears It. 7 lbs. dist. marked 4 S. 25. B. T.
39.98 ^t	A. aspen, 8 ins. diam., bears S. 18 lbs. dist. marked $\frac{1}{4}$ S. 36. B. T.
62.50	North fork of Beaver Creek 2 lbs wide, pure water, 3 ins. deep in ravine 100 ft. deep, Course S.W. ascend Circular pole sheep corral 100 ft
68.30	

Submission of T. 2 S. d. R. G. Oct 1st

Plans

79.85

Drawn on line.
The cor. of sec. 25, 26, 35 and 36.
Land rolling.
Soil stony 3rd Rule.
Timber, aspen and pine.
Heavily timbered. Si
Dense undergrowth, 2.2' 85 chs.

Sept. 18. At this corner set off
346 ft. on the decl. arc; and at
1156 R. M. l. m. t. observe the
sun on the meridian. The
resulting lat. is 38° 51'

W. 0° 1' W. bet. secs. 25 and 26.
Ascend over rolling land
through heavy aspen and
pine timber.
3.85 Spring branch, 1 ft. wide Course S. W.
40.00 Set a trachylep^{stone} 16x14x6. ins. 11 ins.
in the ground. for cor. cor.
marked 3. S. 26. on E. and N.
on C. faces; and from which
a pine, 4.8 ins. diam., bears E.
S. 16 chs. dist. marked 4. S. 26. 13. 9
No other bearing trees within limits. And have a mound of
stone 1 ft. low. 13 ft. high. N. of cor. Bits impracticable.
44.00 Ridge bears N.E. and S.W. descend.
58.50 Bottom of ravine 300 ft. dep.
Course S. 60° Gr. descend.
65.00 Top of spur projects 4. descend.
71.00 Spring branch, 1 ft. wide, Course S. W.
Leave timber, bears N.E. to S. W.
80.00 Set a trachylep^{stone} 14x16x8 ins. 10 ins.
in the ground. for cor. of sec.
25, 26, 23 to 24, marked with a
postiles on S. and E. pitch on
E. edges; and have a mound of

Submission of T. & C. No. 5 to Section

Chains	Stone, 1 ft. bare, 1 ft. high W. of cor. Pits impracticable Land mountainous Soil stony 8 th Rate
	Timber, aspen and pine Heavily timbered and mountainous land. 80.00 chs.
40.00	C. on a random line bet. secs. 24 and 25. Set temp. to sec. cor.
79.80	Intersect C. body of townships 5 lbs. W. of cor. of secs. 19, 24, 25 and 30. herefore described. Thence we run R. 89° 58' W. on a true line bet. secs. 24 and 25.
27.00	Over stony land, descend the west slope of the divide of Tuscar mountain.
89.90	Bottom of ravine, 150 ft. deep, 700 ft. below cor. of secs. 19, 24, 25 and 30. Course S. W.
79.80	Set a mucky top ⁱⁿ 16x10x6 ins. 11 ins. in the ground, for to sec. cor. marked to S. 24 on R. and 25 on S. faces. and cover a mound of stone, 2 ft. base, 12 ft. high. W. of cor. Pits impracticable.
	Over rolling land The cor. of secs. 28, 24, 25 and 26. 1000 ft. below the cor. of secs. 19, 24, 25 and 30.
	Land mountainous Soil stony 8 th and 4 th Rate No timber Mountainous Land. 79.80 chs.
	Sep. 13, 1900

Subdivision of T. 27 S., R. 5 W. Cont'd.

Chains	
	Sept. 14. At 8 A. M. I. M. A. we set off 38° 22' N on the lat. arc: 3° 28' W. on the decl. arc: and determine a true meridian with the solar, at the cor. of secs. 23, 24, 25 and 26. Thence we run W. 0° 1' W. bet. secs. 23 and 24 Over rolling land, descend Spring branch, Course S. Ir. wide. Begin ascent.
6.50	
40.00	Set a trachyte ^{stone} $\frac{1}{4} \times 8 \times 8$ ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 23. on W. and 24 on E. faces; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable.
59.00	Bottom of ravine, 100 ft. deep, Course S. Ir.
62.00	Begin steep ascent over shale rock.
80.00	Top of a projecting ledge, 1000 ft. above cor. of secs. 23, 24, 25 and 26. Set a trachyte ^{stone} $\frac{1}{5} \times 15 \times 15$ ins. 10 ins in the ground, for cor. of secs. 13, 14, 23 and 24; marked with 3 notches on S. and 1 notch on E. edge: and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high. Ir. of cor. Pits impracticable. Land mountainous. Soil stony. 3 rd and 4 th Rate No timber.
	Mountainous land. 20.00 chs.

J. 1958 C. on a random line
bet. secs. 13nd & 24.

(200)
Subdivision of T. 28 S. R. 5 W. Cont.

Chains	
40.00	Set temp. to sec. cor.
79.90	Intersect C. body. of townships at cor. of secs. 13, 18, 19, and 24 that have been described Then run line N. 89° 58' W. on a line bet. secs. 13 and 24. Cross broken stony land ascend steep east slope of the divide of the Turkestan mountains.
39.95	Top of divide of Turkestan mountains, 1000 ft. above cor. of secs. 13, 18, 19 and 24. bears N. W. and S. E. Set a hatchet ^{one} 15 x 12 x 10 ins. 10 ins. in the ground, for 4 sec. cor. marked 4 S. 13 on N. and 24, on S. faces; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. It is impracticable descend along south slope of mountain ridge over broken, stony land.
- 79.90	The cor. of secs. 13, 14, 23 and 24. Land mountainous. Soil stony 3 rd and 4 th Rate No timber Mountainous land. 79.90 Chs.
	Sept. 14: Cut this cor. and set off 3 1/2 ft. on the decl. side and at 1156 A.M., b. M. L., observe the sun on the meridian, the resulting lat. is 38° 25' N.

110° 1' W. bet. secs. 13 and 14.
Cross broken stony land
steep ascend

Subdivision of T. 29 S. R. 5 W. Continued

Chains	
7.50	Top of mountain ridge. Bears C. and W. descended.
11.70	Began steep descent.
36.00	Bottom of ravine, 800 ft. deep. Course W. ascended.
40.00	Set a trachyte boulder 4x8x8 ins. 10 ins. in the ground. cor. $\frac{1}{4}$ sec. Cor. masked $\frac{1}{4}$ S. 14° on W. and 13. on C. faces: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. This impracticable.
50.00	Top of ridge, bears C. and W.
75.85	Top of divide of Fishtrap Mountains 1000 ft. above $\frac{1}{4}$ sec. cor. bet. secs. 13 and 14. bears C. and W. descended.
80.00	Set a trachyte boulder 3x9x4 ins. 9 ins. in the ground for cor. of secs. 11, 12, 13 and 14. masked with 4 notches on S. and 1 notch on C. edges: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. This impracticable.
	Land mountainous
	Soil. Stony 3^{rd} and 4^{th} Rate
	No timber.
	Mountainous land 80.00 Chs.

S. 89.58 C. on a random line
bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.95 Intersect C. body of Twp. 5 Mr. S.
of cor. of secs. 7, 12, 13 & 18 hitherto described.
Thence we run
from a true line
bet. secs. 12 and 13.

HOMESTEAD ENTRY SURVEY NO. 100,

568

WASATCH NATIONAL FOREST

STATE OF UTAH.

Chains	From a point which bears S. $86^{\circ} 38'$ E., 37.88 chs. from Cor. 1 of this survey I locate the following improvements.	
	A log house, 16 x 16 ft., course of sides N. and S., and E. and W., the NE. cor. of which bears S. $63^{\circ} 22'$ W., 2.68 chs. dist., from above described point.	Value \$ 100.00
	A dirt cellar, 8 x 10 ft., the center of gable roof bears S. $59^{\circ} 50'$ W., 2.52 chs. dist., from above described point.	Value 50.00
	A lumber barn, 30 x 20 ft., course of long sides N. and S., the NE. cor. of which bears S. $59^{\circ} 52'$ W., 3.35 chs. dist., from above described point.	Value 250.00
	About 2 miles of wire fence.	Value <u>300.00</u>
	Total Value of Improvements	\$ 700.00

September 8, 1915.

Description

The claim is located approximately 10 miles up the main stream of Beaver Creek from the nearest town of Kamas, Utah, which may be reached by a good wagon road. It is situated almost wholly in the creek bottom and is mostly good loamy soil.

There is very little timber of any kind on the claim and that consisting of 4 or 5 acres of small aspen along the boundaries.

There are no indications of mineral on the claim.

The cultivation consists of about 10 acres of hay and grain and a small garden.

This claim adjoins the Beaver Creek Nursery of the Wasatch National Forest.

Survey Completed September 10, 1915.



Subdivision of T. 2 S. R. 5 W. Continues

Chains	
	marked $\frac{1}{4}$ S. 11, on Gr. road 12 on E. faces: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
62.00	Pits impracticable. Pine Creek. 10 ltrs. wide, pure water, 1 $\frac{1}{2}$ ins. deep, and Canon 1000 ft. deep, course N. 60° E.
80.00	Ascend Set a black lepton $\frac{1}{2}$, 10 x 10 ins. 1 $\frac{1}{2}$ ins. in the ground, for cor. of secs. 1, 2, 11 and 12. marked with 5 notches on S. and 1 notch on E. faces: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land mountainous Soil stony & $\frac{1}{2}$ and 4th Rate. No timber Mountainous. Land, 80.00 ph.
40.00	C. on a mountain line bet. secs. 1 and 12. Set temp. to sec. cor.
79.98	Intersect C. body. of township 7 miles. N. of cor. of secs. 1, 6, 7 and 12. heretofore described. Thence we run N. 89° 57' W. on a true line, bet. secs. 1 and 12. Over broken stony land, through heavy pine timber. descend. Pine Creek 10 ltrs. wide, pure water, 1 $\frac{1}{2}$ ins. deep and Canon 1000 ft.

Subdivision of T. 8 S. R. 5 W. Cont.

Chains	
	deep, coarse. It. C.
39.99	As-cind. leave timber, bears N. 0° 1' W. Set a trachyte, 10 ^{1/4} x 12 x 6 ins. 11 ins. in the ground, for sec. cor. marked 4 S. 1. on N. and 12. on S. faces: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pits impracticable.
79.98	The cor. of secs. 1, 2, 11 and 12. Land mountainous. Soil stony. 3 rd and 4 th Rate. Timber fine. Mountainous land 79.98 chs.
	Sept. 15. At this cor. we set off 13° 10' W. on the decl. M.C. and at 11:55 A.M. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 24' N

40.00	N. 0° 1' W. on a random line bet. secs. 1 and 2. Set temp. 4 sec. cor.
98.88	Intersect It. body. of township. C. 1650 chs. dist. of cor. of secs. 35 and 36 set by us heretofore described. Set a trachyte, 10 ^{1/4} , 12 x 6 ins. 10 ins. in the ground, for closing cor. of Secs. 1 and 2, marked with C.C. on S. face, and with 5 grooves on W. and 1 groove on E. faces: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pits impracticable.

Subdivision of T. 28 S., R. 5 W. Continued.

Chain

	Thence we run S. 0° 1' E. on a true line bet. secs. 1 ^{and} 2.
	Over rolling, stony land, ascend through scattering Scrub oak.
41.00	Top of mountain ridge, Heads E. and W.
58.88	Descend over broken land. Set a trachyte bsp 15x10x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. E. on W. and 1, on E. faces: and raise a mound of stone. 2 ft. base, 1 $\frac{1}{2}$ ft. high. W. of cor. Ridge impracticable.
92.88	The cor. of secs. 1, 2, 11 ^{and} 12. 800 ft. below, top of mountain ridge. Land mountainous. Soil, stony 3 rd and 4 th Rate No timber. Mountains land 92.88 ins.
	Sept. 15, 1900

Sept. 16: Cut - 8 A. M. - C. on b. run
Set off 38° 2' N. lat acc: 2° 41'
H. on decl. acc: and
determine a true meridian
with the solar, at the
cor. of secs. 34^{and} 35 on S. bdy. of
Tp. heretofore described. Thence we run
H. 0° 1' W. bet. secs. 34^{and} 35.
Ascend through heavy
Aspen timber.

40.00 Set a trachyte bsp 15x8x6 ins. 10
ins. in the ground, for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S. 34. on W. and

Subdivision of T. 28 S. R. 5 W. Cont'd.

Chains	35 on C. faces from which bear A aspen, 7 ins. diam. Ht. 45° C. 10 lbs. dist. marked T. 28 S. 35, 13. T.
50.00	A aspen, 11 ins. diam., S. 3° W. 22 lbs. dist. marked T. 28 S. 34, 13. T. Top of ridge, bears H. C. and A. W. descends through heavy aspen and scattering pine timber
- 80.00	Falls on a boulder 5 x 2 x 2 ft. above the ground. Cut N. Cross (X) at exact point for cor. of secs. 26, 27, 34 and 35, marked with 1 groove on S. and 2 grooves on C. sides. from which bear A aspen, 12 ins. diam. Ht. 45° C. 28 lbs. dist. marked T. 28 S. R. 5 W. S. 26, 13. T.
	A pine, 4 ins. diam. S. 40° C. 25 lbs. dist. marked T. 28 S. R. 5 W. S. 35, 13. T.
	A aspen, 3 ins. diam. S. 38° W. 30 lbs. dist. marked T. 28 S. R. 5 W. S. 34, 13. T.
	A aspen, 5 ins. diam. Ht. 2.0° W. 3 lbs. dist. marked T. 28 S. R. 5 W. S. 27, 13. T. Land rolling. Soil stony. 3rd Rate. Timber, aspen and pine. Heavily timbered \$0.00 chs.

Cross a boundary line
bet. secs. 26 and 35
Set temp. to sec. cor.
Intersect H. and S. line,
At cor. of secs. 25, 26, 35 and 36.
Thence run
W. on a true line
bet. secs. 26 and 35.

Subdivision of T. 28 S. R. 5 W. Continued.

Chains	Our rolling land, ascend through heavy aspen and pine timber.
2.00	Spring branch, Course S. 0 \circ .1 θ . wide.
21.00	Salemill road, — bears N. W. and S. E.
32.50	Top of spur; projects S. 30° E. descend.
40.04	Set a stachyle, $1\frac{1}{4}$ x 12 x 5 ins. 10 ins. in the ground, for sec. cor. marked to S. 26. on N. and 35. on S. faces: from which bear W aspen, 5 ins. diam. S. 18° E. 22 lbs. dist, marked. $\frac{1}{4}$ S. 35. B. T. W aspen, 12 ins. diam. N. 70° W. 7 lbs. dist, marked. $\frac{1}{4}$ S. 26. B. T.
50.00	Spring branch, Course S. 0 \circ .1 θ . wide. descend.
62.50	Top of ridge, bears N. E. and S. W. descend.
80.08	The cor. of secs. 26, 27, 34 and 35. Land rolling. Soil stony. Timber aspen and pine. Heavily timbered 80.08 chs.
	Sept. 16: At this cor. we set off 2 $\frac{1}{2}$ 3 $\frac{1}{2}$ H. on the decl. side; and at 11 $\frac{1}{2}$ 5 $\frac{1}{2}$ A. M. L. M. L. observe the sun on the meridian, the resulting Lat. is 38° 21' N

40.00	H. 0° 1' W. bet. secs. 26 and 27. Our rolling land, ascend through heavy aspen and pine timber.
	Top of ridge, bears N. E. and S. W.

Subdivision of T. 28 S. R. 5 W. Cont.

Chains	<p>Set a tracky list ^{one} $1\frac{1}{2} \times 8 \times 6$ ins. 8 ins. in the ground, for 4 sec. cor. marked T. S. 27 on N, and 26 on C. faces from which bear</p> <p>A. Aspen, 8 ins. diam. H. 25° E. 70 lbs. dist. marked T. S. 26. B. T.</p> <p>A. pine, 10 ins. diam. S. 55° W. 25 lbs. dist. marked T. S. 27. B. T.</p> <p>Descent</p> <p>Leave timber, bears H. C. and S. W. enter heavy scrub oak, Big John's flat bears H. C. and S. W.</p> <p>Spring branch, course W. Foothills Leave Big John's flat, enter heavy aspen and pine timber bears H. C. and S. W.</p> <p>Ascend</p> <p>Set a tracky list ^{one} $1\frac{1}{2} \times 8 \times 5$ ins. 11 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked with 2 notches on S. and C. edges:</p> <p>from which bear</p> <p>A. Aspen, 6 ins. diam. H. 52° E. 87 lbs. dist. marked T. 28 S. R. 5 W. S. 23. B. T.</p> <p>A. Aspen, 11 ins. diam. S. 18° E. 99 lbs. dist. marked T. 28 S. R. 5 W. S. 26. B. T.</p> <p>A. pine, 8 ins. diam. S. 79° W. 26 lbs. dist. marked T. 28 S. R. 5 W. S. 27. B. T.</p> <p>A. Aspen, 10 ins. diam. H. 31° W. 92 lbs. dist. marked T. 28 S. R. 5 W. S. 22. B. T.</p> <p>Land rolling</p> <p>Soil strong</p> <p>Timber ^{3rd Rate}</p> <p>Aspen and pine Heavily timbered or dense undergrowth, 80.00 chs.</p>
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Subdivision of T. 28 S. R. 5 W. Contained

Chains

	C. on a random line bet. secs. 23 and 26. set. stony. $\frac{1}{4}$ sec. cor.
40.00	Intersect H. and S. line, 9 Mds. S. of cor. of secs. 23, 24, 25 and 26. Thence we run S. $89^{\circ} 56'$ W. on a true line bet. secs. 23 and 26.
79.82	Our rolling land, ascend through dense scrub oak gooseberry bushes and scattering pine.
.85	Spring Branch Course S. 1 M. wide.
26.40	Top of rocky ledges, near N.E. and S. W. 50 ft. high.
28.50	Top of ridge, leaves N.E. and S.W. This could.
39.91	Set a granite stone, 16 x 8 x 6 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$, S. 23, on H. and 26, on S. faces. And raise a mound of stone, 2 ft. base, 12 ft. high, H. of cor. Pile impracticable.
65.35	Spring Branch, Course S. 1 M. wide As could. timbered, heavy pine timber, bears H. and S.
79.82	The cor. of secs. 22, 23, 26 and 27. Land rolling. Soil stony 3^{rd} and 4^{th} Rate. Timber aspen and pine. Heavily timbered ac. Dense undergrowth 79.82 chs.

Sept. 16, 1900

Sept. 17 At 8 A.M. I. on b. we set off
3 P.M. on the lat. mer. $2^{\circ} 18' 29''$
on the decl. mer. and determine.

Subdivision of T. 28 S. R. 5 On Contours

Chains	<p>A fine meadow, with the solar, at the cor. of secs. 22, 23, 26, and 27. Thence we run N. 0° 1' W. bet. secs. 22 and 23. Over rolling land, ascend through heavy aspen and fine timber.</p>
40.00	<p>Set a trachyte post $15 \times 10 \times 6$ ins., 10 ins. in the ground, for 4 sec. cor. marked $\frac{1}{4}$ S. 22. on W. and 23. on E. faces: from which bears D. fine, 3 ins. diam., H. 28° E. 28 lbs. dist, marked $\frac{1}{4}$ S. 23. B. T. A fine, 4 ins. diam., S. 25° W. 53 lbs. dist, marked $\frac{1}{4}$ S. 22. B. T. Leave heavy timber bears E. and W. Center scattering fine, dense scrub oak and gooseberry bushes.</p>
56.10	Spring branch, 1 ft. wide, course N. W.
59.80	Spring branch, 1 ft. wide, course S. W.
78.90	Spring branch 1 ft. wide, in ravine 100 ft. deep, course S. W.
- 80.00	<p>Set a trachyte post $16 \times 10 \times 8$ ins., 11 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked with 3 notches on S. and 2 notches on E. edges: from which bears D. fine, 6 ins. diam., H. 10° 41': 19 lbs. dist. marked T. 28 S. R. 5 W., S. 15, B. T. No other tree within limits. And raise a mound of stone, 2 ft. bases, 1 ft. high, W. of cor. Ridge impracticable. Land rolling.</p>

Subdivision of T. 29 S. R. 5 W. Continued

Trains

Soil - 2 tony 3rd Rate.
Timber - spruce and pine.
Heavily timbered or
dense undergrowth 80.00 chs.

At. 89° 56' C. on a random line
bet. secs. 14 and 23.

40.00

Set - temp. $\frac{1}{4}$ sec. cor.

79.84

Intersect H. and S. line, 3 hrs.

H. of cor. of secs. 13, 14, 23 and 24.

Thence we run

S. 89° 57' W. on a - line line

bet. secs. 14 and 23.

Over broken - stony land,
descent

16.50

Top of trachyte ledges. 200
ft. high, heavy, S.C. and H.D.,

39.92

Set a quartzite stone, 14x10x4
ins. 10 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S.

14, on H. and 23, on S. faces;
and raise a mound of stone.
2 ft. base, 13 ft. high, H. of cor.

Pits impracticable.

62.30

Enter scattering pine, bears
H. and S.

65.80

Leave timber bears H. and S.

78.30

Spring branch, 1 ft wide, in ravine

100 ft. deep, Course S. W.

800 ft. below cor. of secs.

13, 14, 23 and 24. Ascent

79.84

The cor. of secs. 14, 15, 22 and 23.

Land mountainous.

Soil - stony 3rd and 4th Rate.

Timber - pine.

Mountainous land 79.84 chs.

Sept. 17 At this cor. we set off

Subdivision of T. 28 R. 13 S. Contain.

- 2:30 P.M.
8/14 H. on the decl. acc: And at
11:55 A.M., 1. 47. 1. observe the
sun on the meridian,
the resulting Lat. is
 $38^{\circ} 23' N$
- 8:01 A.M. bet. secos. 14th/13.
Over rolling land. Ascend
through gooseberry bushes and
scrub oak.
- 19.50 Enter scattering pine timber,
bears E. and W.
- 22.75 Leave timber.
- 26.50 Enter heavy pine timber
bears E. and W.
- 36.80 Leave timber, bears E. and W.
- 40.00 Set a quartzite stone, 15x10.4 ins.
10 ins. in the ground, for
sec. cor., marked 7, 1, 1/2 on
W. and 14, on E. faces: and
raise a mound of stone,
3 ft. base, 15 ft. high, 7 ft. wide.
Rots impracticable.
- 49.85 Dry run, 4 ft. deep, 0 ft. wide,
Course S. W.
- 50.00 Set a hatched stone
in the ground, for cor. of secos.
10, 11, 14th & 15, marked with 4
notches on S. and 3 notches
on E. edges: and raise a
mound of stone, 2 ft. base,
15 ft. high, W. of cor.
Rots impracticable.
- This cor. is 960 ft. above cor. of secos.
4, 15, 22nd and 23.
- Land mountainous
Soil, stony 3rd Rule.
Timber, fine.

Subdivision of T. 28 S. R. 5 W. Continued

Chains

Mountainous land 40.00 chs.

H. 89° 57' E. on a random line
bet. secs. 11^{and} 14.

40.00 Set - temp. $\frac{1}{4}$ sec. cor.

79.95 Intersect H. and S. line, 16 chs.
H. of cor. of secs. 11, 12, 13^{and} 14.
Thence run

H. 89° 56' W. on a line line,
bet. secs. 11^{and} 14.

Over broken stony land,
descend.

13.50 Bottom of ravine, 350 ft. deep,
Course H. W. ascend.

39.95 Top of spur, projects H.
Set a trachyte $1\frac{1}{4} \times 8 \times 5$ ins. 10
ins in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 11, on H. and
14, on S. face: small raised a
mount of stone, 3 ft. base,
 $1\frac{1}{2}$ ft. high, H. of cor.

Pits impracticable

Top of divide at two hours,
mountains 10,500 ft. above sea level,
bears N.W. and S. E. descend.

79.80 Slab run, 4 ft. deep, 10 ft. divide,
Course S. W.

79.95 The cor. of secs. 10, 11, 14^{and} 15.
800 ft. below top of divide.
Land mountainous

Soil stony 4th Rate

No timber

Mountainous land. 79.95 chs.

Sept. 15, 1900.

Determination of T. 28 S. R. 5 W. Cont.

Chain

	Sept. 18: At 8 A.M. I. first, we set off 13° 23' N. on the lat. arc: 1.55 D. on the decl. arc and determine a true meridian with the Solar, at the cor. of secos.
10, 11, 14	2nd 15. Thunder rain.
	H. 0° 1' Fr. bet. secos. 10 and 11. Cone - stony broken basal. Ascent.
40.00	Top of divide of Tuscar Mountains. 10,500 ft. above sea level, bears N. W. and S. E. Set a trachyte ledge 16x8x8 ins. 11 ins. in the ground, for 4 sec. Cor. marked 4 S. 10. on W. and 11 on E. faces: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. It's impracticable. descent.
61.95	Slyum, Cone. H. E.
70.50	Top of trachyte ledges. 500 ft. high, bear H. Fr. and S. E.
80.00	Set a trachyte ledge 20x16x6 ins. 15 ins. in the ground, for cor. of secos. 8, 9, 10 and 11, marked with 5 notches on S. and 2 notches on E. edges: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. It's impracticable. This cor. is. 800 ft. below the top of the divide. Land mountainous Soil stony. 4th Rate. No timber Mountains. Land. 30.00 estd.

Submission of T. 28 S., R. 5 W., Continued

Chains	S. $89^{\circ} 56'$ E. on a random line, bet. secs. 2 nd & 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect H. and S. line, 5 lbs. S. of cor. of secs. 1, 2, 11 nd & 12. Thence we run H. $89^{\circ} 58'$ W. on a line line bet. secs. 2 nd & 11. Over broken stony land ascend.
39.99	Set a trachyte stone 20 x 15 x 5 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 2° on H. and 11 on S. faces: and raise a round of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, H. of cor. Pits impracticable.
45.00	Top of spur, projects S. 500 ft. above cor. of secs. 1, 2, 11 nd & 12. elevation.
71.00	Spring branch, 8 ins. wide. 2 ins. deep Head of Pine Creek. Course S. E. ascend.
78.00	Begin steep ascent over broken ledges.
79.98	The cor. of secs. 2, 3, 10 nd & 11. 250 ft. above Pine Creek. Land mountainous. Soil stony 3 rd and 4 th Rate. No timber. Mountainous land, 79.98 chs.

Sept. 18: At this cor. we set off
15' H. on the elev. acc: and at
11 $54\frac{1}{2}$ A. M. l. on - t; observe the
sun on the meridian,
the resulting lat. is
 $38^{\circ} 24' N$

Subdivision of T. 28 S. R. 5 Jr. Con.

Chains	
	Pl. 8' W. on a sandstone - line bet. secs. 2 and 3.
40.00	Set - temp. $\frac{1}{2}$ sec. cor.
92.00	Intersect H. bdy. of. towns-hp C. 16.60 chs. dist. of cor. of secos. 84 and 85 set by us heretofore described. Set a trachyte stone 20x8x4 ins. 15 ins. in the ground, for Closing cor. of secos. 2 and 3, marked with 2 grooves on E. and 4 grooves on W. faces, and C.C. on S. face; and raise a mound of Stone, 2 ft. base, 1/2 ft. high, S. of cor. Pits impracticable.
	Then descend
	S. 8' E. on a line - line dist. Secos. 2 and 3.
	Ascend over shale rock.
30.60	Top of mountain ridge, bears H.W. and S. E. elev. unat.
35.20	Enter scattering pine timber, bears H. W. and S. E.
52.20	Set a quartzite stone, 12x10x5 ins. 8 ins. in the ground, in $\frac{1}{2}$ sec. cor. marked $\frac{1}{4}$ S. E. on E. and S. on E. faces: from which bear A. 5 ins., 8 ins. diam., S. 10° E., 1.2 lbs. dist. marked $\frac{1}{4}$ S. E. 18. T. A. 5 ins., 8 ins. diam., H. 10° E., 1.4 lbs. dist. marked $\frac{1}{4}$ S. E. 18. T.
83.70	Leave scattering timber, bears H. W. and S. E.
85.70	Lay out, course E. line broken below.
92.20	The cor. of secos. 2, 3, 10 and 11. 800 ft. below top of mountainous ridge, 61.60 chs. H. land brown talinous.

Subdivision of T. & R. S. R. 5th R. Continued

Chains

Soil, stony.	3 rd and 4 th Rate.
Timber, pine.	
Mountainous land.	92.20 chs.
	Sept. 18, 1900

- Sept. 19: Cut S. R. 33, l. 2 m. t; eve set off
 $38^{\circ} 2' N$ from the lat acc: $132^{\circ} 4'$ E.
 on the decl. acc: and
 determine a true meridian
 with the solar at the cor.
 of secs. 33 and 34, on the S.
 boundary of the township.
 hitherto described. Thence eve run
 $N. 6^{\circ} 2' W$. bet. secs. 33 and 34.
 Over rolling land ascend
 through heavy aspen and
 scattering pine timber.
 16.00 Top of ridge bears N. E. and
 S. W. decl. acc.
 40.00 Set a trachyte bldg. $\frac{1}{4} \times 8 \times 5$ ins. 10
 ins. in the ground, for cor.
 of sec. cor., marked $\frac{1}{4}$ S. S. S. on
 N. and S. on E. edges;
 from which clear
 A aspen, 4 ins. diam. C. 19 lbs. with 5
 marked $\frac{1}{4}$ S. 34, 13. T.
 A aspen, 5 ins. diam. S. 75^o W. 15. lbs.
 dist. marked $\frac{1}{4}$ S. 33. 98. T.
 78.55 West bank of Beaver Creek, 10 lbs.
 wide, pine, water, 5 ins. deep,
 Course S. W. acc.
 80.00 Set a trachyte bldg. $\frac{1}{3} \times 10 \times 6$ ins. 9
 ins. in the ground, for cor.
 of secs. 27, 28, 33 and 34, marked
 with 1 notch on S. and 3
 notches on E. edges;
 from which clear
 A pine, 24 ins. diam. H. 79^o C. 45 lbs. dist.
 marked T. H. S. R. 5th R. S. 27. B. T.

Division of T. 28 S., R. 5 W. Continued

Chains	A aspen, 6 ins. diam. H. 50' Gr. 75 lbs. dist. marked T. 28 S. R. 5 W. S. 33. N. T.
	B aspen, 6 ins. diam. H. 48' Gr. 45 lbs. dist. marked T. 28 S. R. 5 W. S. 38. N. T.
	No other trees within limits. And raise a mound of m. 5 ins. & ft. base, 1 1/2 ft. high. W. of cor. Pits impracticable.
	Land rolling.
	Soil stony 3 1/2 Rate.
	Timber, Aspen and pine
	Heavily timbered 80.00 Chs.

	C. on a random line bet. secs. 27 and 34.
40.00	Set - temp. 7 sec. cor.
80.00	Intersect - H. and S. line. At cor. of secs. 26, 27, 34 and 35. Thence we run D. on a true line, bet. secs. 27 and 34.
	Our rolling land, through heavy aspen and pine timber, ascend.
1.00	Top of spur, projects - S.
7.00	Spur in branch, 1 ft. wide, passes S. E.
11.00	Top of ridge, projects - S. E. 2 ft. wide.
17.50	Bottom of ravine, 150 ft. high, curve S. 20° W. Ascend.
36.50	Top of ridge, near H. E. and S. W. 2 ft. wide.
40.00	Set a brick ^{bottom} 4x18x12 ins. 18 ins. in the ground, for 4 sec. cor., marked 7 S. 27, on H. and 34, on S. faces. from which bear A aspen, 10 ins. diam. H. 20' Gr. 38 lbs. dist.

Subdivision of T. 88 S., R. 5 W. Continued

Chains

- marked $\frac{1}{4}$ S. 27, B. T.
 Aspen, 4 ins. diam., S. $10^{\circ} W.$, 35 lks. dist.
 marked $\frac{1}{4}$ S. 28, B. T.
 79.85 West fork of Beaver Creek, 10 lks.
 wide, pure water, 5 ins. deep.
 Course S.
 80.00 The cor. of secs. 27, 28, 33 and 34.
 Land rolling.
 Soil stony 3rd Rate.
 Timber, aspen and pine
 Heavily timbered 80.00 chs.

Sept. 19 At this cor. we set off
 11²⁷' N. on the decl. arc. and at
 11⁵⁴' A. M. L. m. t. observe the
 sun on the meridian, the
 resulting lat. is $38^{\circ} 21' N$

- 10.50 H. 8° S. W. lat. Secs. 27 & 28.
 Over rolling land, ascend
 through heavy aspen and
 pine timber
 Top of spur, projects C. descend.
 28.50 Bottom of ravine, 100 ft. deep,
 Course S. E. ascend.
 40.00 Set a trachyte block 4x12x4 ins. 10 ins.
 in the ground, for sec cor.
 marked $\frac{1}{4}$ S. 28, on N. and 27
 on E. faces:
 from which bears
 Aspen, 4 ins. diam. H. $40^{\circ} E.$ 3 lks.
 dist, marked $\frac{1}{4}$ S. 27, B. T.
 Aspen, 5 ins. diam. H. 4 lks. dist.
 marked $\frac{1}{4}$ S. 28, B.T.
 Along E. slope of ridge,
 bearing H. $15^{\circ} E.$ and S. $15^{\circ} W.$
 over broken land.
 80.00 Set a Conglomerate stone,

585

BOOK 285-A

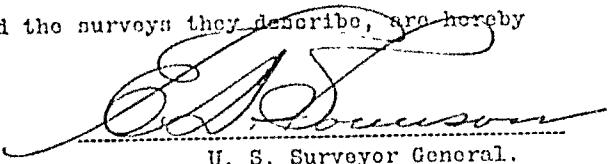
APPROVAL

Office of the United States Surveyor General,

Salt Lake City, Utah, April 21, 1925

The foregoing field notes of Homestead Entry Survey No. 116, situated in the Powell National Forest, in Section 3, unsurveyed Township No. 34 South, Range No. 2 East and Section 34, unsurveyed, Township No. 33 South, Range No. 2 East of the Salt Lake Base and Meridian, Utah.

executed by — Charles J. Truscott, Surveyor —
[Forest Service Title]
under his special instructions, dated — May 16, 1924 — ~~ad~~, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.


U. S. Surveyor General.
— for Utah. —

I certify that the foregoing transcript of the field notes of the
above-described survey in the State of _____, has been
correctly copied from the original notes on file in this office.

U. S. Surveyor General.

Subdivision of T. 28 S. R. 5 E. Con.

Claims	
	N. W. $\frac{1}{4}$ S. C. enter scattering timber. Same scattering timber bears N. E. $\frac{1}{4}$ S. W.
75.00	Same scattering timber bears N. E. $\frac{1}{4}$ S. W.
- 80.00	Top of rocky ridge, bears N. E. and S. W. Set a trachyte $\frac{1}{6} \times 8 \times 6$ ins. 11 ins. in the ground, for cor. of secs. 15, 16, 21 and 22 marked T. 28 S. on N. E. and 19.5 W. on S. E. faces; and with 3 notches on S. and E. edges; and raise a mound of stone, 2 ft. base, 1.5 ft. high, N. of cor. Pits impractical. This cor. is 800 ft. above cor. of secs. 21, 22, 27 and 28. Land mountainous. Soil stony 3 rd and 4 th Rate. Timber, spruce and pine, Mountainous land 80.00 ohs.
	C. on mountain line Secs. 15 and 22. Set out to sec. cor. Intersect N. and S. hills at cor. of secs. 14, 15, 22 and 23. Hillsides are rocky H. on mountain line, Set out to sec. 15 and 22. Cross rolling land, ascend through scattering pine, Top of spruce projects to N. W. Hillsides. Spruce branch 1st. wire, in ravine, 150 ft. deep, coarse S. W. with many open pine,
10.00	
15.20	

Subdivision of T. 28 S., R. 2 W. Cont'd.

Lands	<p>timber, bears N. and S. Ascent.</p> <p>Set a trachyte boulder $3 \times 10 \times 5$ ins. 9 ins. in the ground, for 4 sec. cor. marked to S. 15° on N. and E. 22° on S. faces.</p> <p>from which bear B. Aspen, 10 ins. diam, N. 10° E. 38 lbs. dist. marked to S. 15°, B. T. A. Aspen, 6 ins. diam, S. 48° E. 25 lbs. dist. marked to S. 22°, B. T.</p> <p>Top of ridge, bears N. 25° E. and S. 25° W. 600 ft. above Cor. of sec. 14, 15, 22 and 23. Leave heavy timber bears N. C. and S. W. descending.</p> <p>Spring branch, 1 ft. wide in ravine, 100 ft. deep, course S. W. Begin steep ascent through scattering pine and aspen timber.</p> <p>Leave scattering timber, over shale rock.</p> <p>Top of ridge, bears N. C. and S. W. 600 ft. above Cor. of sec. 14, 15, 22 and 23. The cor. of sec. 15, 16, 21 and 22. Land in mountainous, Soil stony. 3rd and 4th Rate. Timber, aspen and pine. Mountainous land, 80.00 lbs.</p> <p>Sept. 10. At this cor. we set off 104 ft. on the decl. acc. and at 11:54 A.M. I. went to observe the sun on the meridian, the resulting lat. is $38^{\circ} 23' N$.</p>
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Subdivision of T. 28 S. R. 5 W. Cont.

Chains	
	H. 0° S. W. bet. secs. 15 and 16 over broken lava rock, descend.
38.00	Leave lava rock, over stony soil, enter heavy pine timber, bears N.E. and S. W.
40.00	Set a quartzite stone, 13x10x5 ins. 9 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 16° in W. and 15° on E. faces: from which bear A pine, 10 ins. diam, H. 58°, 65 lbs. dist. marked $\frac{1}{4}$ S. 15, B. T.
	A pine, 16 ins. diam., S. 12° W., 13 lbs. dist. marked $\frac{1}{4}$ S. 16, B. T.
	Leave timber bears N.E. and S. W.
46.00	Enter scattering pine, begin descent.
52.75	Leave pine timber, begin ascent.
68.00	Top of mountain ridge, bears E. and W; 500 ft. above cor. of secs. 15, 16, 21 and 22. Begin steep descent.
68.50	Enter heavy pine timber bears E. and W.
80.00	Set a quartzite stone, 18x14x6 ins. 12 ins. in the ground, for cor. of secs. 9, 10, 15 and 16. marked with 4 notches on S. and 3 notches on E. faces: from which bear A pine, 40 ins. diam, H. 85 lbs. dist. marked T. 28 S. R. 5 W., S. 9, S. 10, B. T.
	A pine, 22 ins. diam, S. 16° E. 18 lbs. dist. marked T. 28 S. R. 5 W., S. 15, B. T.
	A pine, 30 ins. diam, S. 20° W. 19 lbs. dist. marked T. 28 S. R. 5 W., S. 16, B. T. This cor. is 400 ft. below top of mountain ridge, 18 lbs. S.

4

Chubchinson of T 28 S. R 5 W. Contained

40.00	Land mountainous. Soil stony 3rd and 4th Rate. Timber, fine Mountainous land, 80.00 chs.
40.00	E. on a limestone line bet. secs. 10 and 15. Set temp. to sec. cor. Intersect N. and S. line, at cor. of secs. 10, 11, 14 and 15. Hence we run W. on a true line. bet. secs. 10 and 15. Over broken, stony land descend.
40.00	Set a shale rock 15x10x6 ins. 10 ins. in the ground, for to sec. Cor. marked to S. 10 on N. and 15 on S. faces; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, It. of cor. Puts impenetrable.
51.00	Top of mountain ridge, bears N. E. and S. 800 ft. above Cor. of secs. 10, 11, 14 and 15. Begin descent through scattering fine timber.
78.50	Spring branch, Course N. It. 1/16th wide. Enter heavy fine timber, bears N. E. and S. C.
80.00	The cor. of secs. 9, 10, 15 and 16. 400 ft. below top of mountain ridge, 29.00 chs. east Land mountainous. Soil, stony, 3rd and 4th Rate. Timber, fine Mountainous land, 80.00 chs. L.L.T. 20 1900

Subdivision of T. 28 S. R. 5 W. Cont.

Chains	
	Left 21 Cut 8 A. M., l. m. i. t. we set off $38^{\circ} 23'$ on the lat. arc; $8^{\circ} 45' N.$ on the decl. arc; and determine a true azimuth with the solar, at the cor. of secs. 9, 10, 15 and 16.
	Thence we run N. $0^{\circ} 2' W.$ bet. secs. 9 and 10. Descend through heavy pine timber.
8.00	Spring branch, Course N. W. 1/2 wide. Leave timber, bears N. W. and S. C.
20.50	Top of rocky spur, projects— N. W. enter heavy pine timber bears N. W. and S. C. Begin steep descent.
25.50	Top of -trachyte ledges, 500 ft. high, bids S. and W. Leave timber, bears E. and W. S. fork of North Creek, 4 iks. wide, pure water, 6 ins. deep, and Canon 12 no. ft. deep, Course S. 60° F. R. and Enter heavy aspen timber bears N. C. and S. W.
39.50	Falls on a trachyte shoulder $10 \times 8 \times 6$ ft. above the canon. Cut a "cross (Y)" at the east point for 4 sec. cor., and mark $\frac{1}{4}$ S. 9, on Fr. road 10, on E. sides; from which bear A aspen, 6 ins. diam, H. 65° E. 26 lbs. list, marked $\frac{1}{4}$ S. 10. 13. T.
	A aspen, 5 ins. diam, S. 35° W. 48 lbs. list, marked $\frac{1}{4}$ S. 9. 13. T.
48.50	Top of rocky spur, projects— Leave aspen timber bears N. C. and S. W.

Submission of T. 28 S. R. 5 W. Continued.

Chains	
	Along the west slope of a high mountain ridge over slide rock.
16.00	Cutter heavy aspen and pine timber bears N. E. and S. W.
80.00	Set a trachyte boulder $0 \times 13 \times 8$ ins. 15 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked with 5 notches on S. and 3 notches on E. edges. from which bears A pine, 8 ins. diam., H. 43° E. 22 lbs. dist. marked T. 28 S. R. 5 W. S. 3, N. E. T. A pine, 10 ins. diam., S. 60° E. 40 lbs. dist. marked T. 28 S. R. 5 W. S. 10, N. E. T. A pine, 8 ins. diam., S. 33° W. 50 lbs. dist. marked T. 28 S. R. 5 W. S. 9, N. E. T. A pine, 36 ins. diam., H. 69° W. 35 lbs. dist. marked T. 28 S. R. 5 W. S. 4, N. E. T. Land mountainous. Soil stony, 3rd and 4th Rate. Timber, aspen and pine. Mountainous land 80.00 chs.

	C. on a mountain line, bet. secs. 3 and 10.
40.00	Set temp. & sec. cor.
80.10	Intersect N. and S. line, at cor. of secs. 2, 3, 10 and 11 Thence run W. on a true line bet. secs. 3 and 10.
	Ascend over broken stony land.
21.00	Top of divide of Fishan mountains 11,000 ft. above sea level. bears N. 10° E. S. 10° W. classed
30.00	Head of a ravine, course N.

Subdivision of T. 28 S. R. 5 W. Cor.

Chains	
	Ascend.
40.00	Set a shale rock, 20 x 15 x 12 ins. 15 ins. in the ground for 1/2 sec. cor. marked $\frac{1}{4}$ S. 3, on N. and 10, on S. faces: and raise a shallow of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
56.00	Top of mountain ridge, bears N. 10° E. and S. 10° W. Begin steep descent over slide rock.
75.50	Enter heavy aspen and fine timber, bears N.E. and S. W.
- 80.10	The cor. of secs. 3, 4, 9 & 10. 900 ft. below the top of mountain ridge, 24 chs. E. Land mountainous. Soil, stony. 4 th Rate. Timber, aspen and pine. Mountainous land, 80.10 chs.
Leht. 121.0 ft - this cor. we set off $10^{\circ} 41' N.$ on the lat. arc: and at $11^{\circ} 58'' E.$ M. L. m. l. obs. we the sun on the meridian, the resulting lat. is $38^{\circ} 24' N$	

We know it is impossible
to continue this line, to
the north - by, on account of steep
slide rock. Therefore we run
N. $0^{\circ} 2' W.$ on a true line
bet. secs. 3 and 4.

Our stony land, descend
through heavy aspen and

Subdivision of T. 28 S., R. 5 W. Continued

Chains

	pine timber
22.00	Bottoms of Cañon. 1500 ft. deep. Course N. 30° W. Along bottoms of Cañon.
40.00	Set a quartzite stone 12 x 10 x 7 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. unbarked with $\frac{1}{4}$ S. 4. on W. & on E. faces: from which
	A pine, 6 ins. diam. bears S. 35° E., 26 lbs. olist. marked $\frac{1}{4}$ S. 3., B. T.
	A pine, 35 ins. diam. bears N. 15° W., 19 lbs. olist. marked $\frac{1}{4}$ S. 4. B. T.
	On account of steep slick rock on the South slope of Belknap Peak, making it impossible to survey further, we discontinue this line. Land mountainous. Soil stony & ad. 4 th Ra. lot. Timber, Aspen and pines. Mountainous land and heavily timbered 40.00 acs.

September 21, 1900.

September 22: At 8 A. M.
H. m. t. we set off 38° 20' N.
on the lat. acc. 0° 22' W.
on the decl. acc. and
determine a true meridian
with the solar. at the
Cor. of secs. 32 and 38 on
the South boundary of
the township,
therefore described.

Chancery

Thence we run

N. 0° 3' W. bet. secs. 32 and 33.

Over rolling land ascend
through heavy aspen and
pine timber.

31.65 Spring branch 1 m. wide

Course S. E.

40.00 set a trachyte stone 18x9x7
ins. 9 ins. in the ground
for cor. of sec. cor. marked
 $\frac{1}{4}$ S. 32. on W. and 33 on
E. faces:

from which

Turn aspen. 16 ins. diam. bears
H. 6° E. 9 lbs. dist. marked
 $\frac{1}{4}$ S. 33. 93. T.

On aspen. 6 ins. diam. bears

H. 17° W. 12 lbs. dist.
marked $\frac{1}{4}$ S. 32. 93. T.

29.70 Spring branch, 1 m. wide,
Course S. E.

40.00 set a trachyte stone 18x10x5
ins. 10 ins. in the ground
for cor. of secs. 28, 29, 32 and 33.
Marked with 4 notches on
E. and 1 notch on S. edges:
from which

On aspen. 12 ins. diam. bears
H. 69° E. 9.8 lbs. dist. marked
T. 18 S. 99. 5 W. S. 28. 13. T.

On aspen. 4 ins. diam. bears

S. 65° E. 9.9 lbs. dist. marked
T. 28 S. 99. 5 W. S. 28. 13. T.

On aspen. 3 ins. diam. bears

S. 61° W. 8.9 lbs. dist. marked
T. 28 S. 99. 5 W. S. 28. 13. T.

On aspen. 4 ins. diam. bears

H. 71° W. 4.6 lbs. dist. marked
T. 28 S. 99. 5 W. S. 28. 13. T.

Subdivision of T. 2 S. R. 6 M. Cont'd.

Cham's	Land rolling. Soil stony 3 rd Rate Timber, Aspen and pine Heavily timbered 30.00 chs.
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	On a random line bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, at cor. of secs. 27, 28, 33 and 34. Thence we run W. on a true line bet. secs. 28 and 33. Over rolling land. Ascend through heavy aspen and scattering pine timber. Top of spur, projects S. descending. Spring branch, 1 ft. wide, course S. E. Ascend. Top of spur, projects S. descending Set a trachyte lith. $\frac{1}{4} \times 8 \times 5$ ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 28, on N. and 33. on S. faces: from which bear 1 aspen, 3 ins. diam, H. 10 ft. 18. lbs. dist. marked, $\frac{1}{4}$ S. 33. 93. T. 1 aspen, 2 $\frac{1}{2}$ ins. diam, H. 11 ft. 23. lbs. dist. marked $\frac{1}{4}$ S. 28. B. T. Spring branch, 1 ft. wide, in ravine, 150 ft. deep, course S. Ascend. Top of spur, projects S. Descend. The cor. of secs. 27, 28, 32 and 33. Land rolling. Soil stony 3 rd Rate Timber, aspen and pine
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Subdivision of T 28 S. R. 5 W. Con.

Claims

~~Heavily timbered~~ 80.00 lrs.

Sept. 22. At this Col. we set off
0° 17' N. on the decl. arc and at
11:53 A. M., I. M. L. observed
the sun on the meridian.
The resulting lat. is
 $38^{\circ} 21' N.$

W. 0° 3' W. bet. secs. 28 and 29.

On rolling land, as caned
through heavy aspen and
scattering pine timber.

15.00 Top of spur, projects W.

40.00 Set a tachytes $\frac{1}{2}$ x 11 x 10 ins.
9 ins. in the ground, for
4 sec. cor. marked $\frac{1}{4}$ S. 29,
on W, and 28 on E. faces:
from which bear

A aspen, 7 ins. diam., S. 37° E. 23 lrs.
dist, marked $\frac{1}{4}$ S. 28, B. T.

A aspen, 7 ins. diam., S. 60° W. 14 lrs.
dist, marked $\frac{1}{4}$ S. 29, B. T.

43.50 Top of ridge, bears H.C. and
S. W. discernible.

+ 80.00 Set a tachytes $\frac{1}{2}$ x 8 x 7 ins. 9 ins.
in the ground, for cor. of secs.
20, 21, 28 and 29. marked with 2
notches on S. and 4 notches
on E. edges:
from which bear

A pine, 7 ins. diam. H. 30° E. 19 lrs. dist.
marked T. 28 S. R. 5 W. S. 21, B. T.

A pine, 14 ins. diam., S. 25° E. 21 lrs. dist,
marked T. 28 S. R. 5 W. S. 21, B. T.

A pine, 13 ins. diam., S. 28 W. 22 lrs. dist.
marked T. 28 S. R. 5 W. S. 29, B. T.

A pine, 14 ins. diam., H. 20° W. 10 lrs. dist.

Subdivision of T. 28 S., R. 5 W. Continued.

Chains	
	marked T. 28 S., R. 5 W., S. 20. 13. T. Land rolling.
	Soil, stony. 3 rd Rate. Timber, aspen and pine. Heavily timbered 80.00 chs.
	C. on a random line bet. secs. 21 and 28. Set-temp. $\frac{1}{4}$ sec. cor. Intersect Ht. and S. line. at cor. of secs. 21, 22, 27 and 28. Thence we run W. on a line line bet. secs. 21 and 28. Our rolling land, ascend through heavy aspen and pine timber.
40.00	Top of ridge, bear Ht. and S. descend.
80.10	Spring branch, 1 ft. wide, Course S. 10° E. Ascend
40.05	Set a triachylest $15 \times 10 \times 4$ ins. 10 lbs. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 21, on Ht. and 28 on S. faces. from which bear R. pine, 3 ins. diam. Ht. 25 ft., 15 lbs. dist. marked $\frac{1}{4}$ S. 21, 13 T. R. pine, 5 ins. diam. S. 60 ft., 18 lbs. dist. marked $\frac{1}{4}$ S. 28, 13 T.
56.50	Top of mountain ridge bear Ht. and S. descend.
80.10	The cor. of secs. 20, 21, 28 and 29. Land rolling Soil stony 3 rd Rate. Timber, aspen and pine. Heavily timbered 80.10 chs.

Sept. 22, 1900

Supplementary of T. 18 S. R. 5 W. Cont.

Claims

- 114.99 Det. 8 W. M. l. On N. E. end
set off 38' 8" from Lat. sec.
10° 18' on decl. sec. and
determine a true meridian
with the Solar, at the
top of secs. 20, 21, & 8 and 29.
Thence we run
N. 0° 8' W. bet. secs. 20 and 21.
Over stony broken land,
ascend through aspen
and pine timber.
115.00 Top of trachyte ledges, 150
ft. high, bear E. ^{and} W.
125.00 Top of ridge, bears E. ^{and} W.
line and.
140.00 Set a trachyte stone 18x10x6 ins. 12 ins.
in the ground, for 4 sec. cor.
marked to S. 20° on W. and 21
on E. faces:
from which bear
W. pines 7 ins. diam. H. 19' C. 34 lbs. dist.
marked to S. 21, B. T.
D. Aspens, 3 ins. diam., H. 9 lbs. dist.
marked to S. 20, B. T.
150.00 Spring branch, 1 ft. wide, in ravine.
150 ft. deep, course S. W.
downhill.
180.00 Set a trachyte stone 20x14x10 ins. 15
ins. in the ground, for cor.
of secs. 16, 17, 20 and 21. marked
with 3 notches on S. and 4
notches on E. edges:
from which bear
D. pines 6 ins. diam. H. 37' C. 51 lbs. dist.
marked T. 28 S. R. 5 W. S. 16, B. T.
D. Aspens, 4 ins. diam. S. 16 C. 14 lbs. dist.
marked T. 19 S. R. 5 W. S. 9, T. T.
D. Aspens, 4 ins. diam. S. 56' W. 11 lbs. dist.
marked T. 29 S. R. 5 W. S. 20, B. T.
D. pines 5 ins. diam. H. 12' C. 6 lbs. dist.

Subdivision of T. 28 S. R. 5 W. Continued

Chains	marked T. 28 S. R. 5 W., S. 17, 18, 19. Land rolling. Soil stone. 3 rd Rate. Timber aspen and pine. Heavily timbered. 80.00 chs.
	<p>C. on a random line bet. secs. 16 and 21.</p> <p>Set stumps. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line at cor. of secs. 15, 16, 21 and 22.</p> <p>Then we run</p> <p>W. on a true line bet. secs. 16 and 21.</p> <p>Over broken lava rock. Ascend.</p> <p>Begin steep ascent of Shelly Baldy Peak.</p>
8.00	
30.20	<p>Top of Shelly Baldy Peak 11,000 ft. above sea level, on top of main mountain ridge, bearing N. E. and S. W.</p> <p>600 ft. above cor. of secs. 15, 16, 21 and 22.</p> <p>Point for $\frac{1}{4}$ sec. cor. is subject to slides, therefore</p> <p>On a shale boulder, 4 x 3 x 2 ft. we cut a cross (X) at exact point for winter's cor. to $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 16 on N. and 21 on S. sides: and raise a mound of stone. 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.</p> <p>Begin steep descent.</p>
40.00	<p>Point for $\frac{1}{4}$ sec. cor. fallen slide rock, and cannot be set.</p>
56.00	<p>Enter heavy aspen and pine timber, bears N. E. and S. W.</p> <p>Leave slide rock, over rolling land.</p>
80.12	<p>The cor. of secs. 16, 17, 20 and 21,</p>

600

600

Directions.—1. Carry out calculations to two decimals only. Do not obliterate or change the original figures, but put below them the corrected footing in red ink.
 2. In balancing Latitudes and Departures do not figure on figures above in red ink. Do not change the footing of the original figures, but put the corrected figure or figures above in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. I. O.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 147, STATE OF UTAH

s-2249

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1 - 2	N $88^{\circ} 37' 11''$ W	39.75	96	96	39 73'	59 74'	59 73'	37 74'	
2 - 3	N $0^{\circ} 09' 11''$ E	19.14	19 14'		05'	59	05'	96	4 37'
3 - 4	S $89^{\circ} 51' 11''$ E	39.64		10	39 63'	59 64'	39 75'		1587.01
4 - 1	S $0^{\circ} 06' 11''$ E	19.97		19 97'	03'		79 45'		1591.38
		118.50	20 10'	20 07'	39 72'	59 74'		38 70'	38 70'
			20 07'			59 72'			
				03'		02'		20)	1552 68
			20 09	20 09	39 73	39 73			
Error of Closure		* 33.32	1						
				33.32					

ft

ft

ft

ft

Subdivision of T. 28 S. R. 5 W. continued.

Chains

from which bear
 A pine, 5 ins. diam., H. 22' E. 17° N.
 dist. marked T. 28 S. R. 5 W. sec. 9. 13. 5'
 A pine, 4 ins. diam. H. 17' E. 35° N. sec.
 marked T. 28 S. R. 5 W. sec. 16, 13. T.
 A pine, 4 ins. diam. H. 40' W. 50° N. sec.
 marked T. 28 S. R. 5 W. sec. 17, 13. T.
 A pine, 6 ins. diam. H. 34' W. 42° N. sec.
 marked T. 28 S. R. 5 W. sec. 8, 13. T.
 Land mountainous
 Soil stony ^{8th and 4th} Rate
 Timber, aspen and pine.
 Mountainous land. \$0.00 chs.

At this cor. we observe a
 prominent rock on top of
 Baldy Peak, the course to
 it is H. 2° 24' E.

C. on a random line
 bet. secs. 9 and 16.

40.00 Set tempo. $\frac{1}{4}$ sec. cor.

80.16 Intersect H. and S. line.

At cor. of secs. 9, 10, 15 ^{and} 16.

At this cor. the rock over
 Baldy Peak, bears H. 32° 14' N.

Thence we run

H. on a line line

bet. secs. 9 and 16.

Cross broken stony land,
 descend through heavy pine
 timber

7.00 Spring branch, 1 ft. wide, Course H.

26.00 Top of rocky spur, projects
 H. W.

40.08 Set a granite stone, 12 x 9 x 7 ins.
 8 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ H. W. cor.

Subdivision of T. 28 S., R. 5 W. Contd.

Chains

	on N. and 16 on S. faces: from which bear B pine, 3 ins. diam, H. 66° W. 35 lbs. dist. marked $\frac{1}{4}$ sec. 9, B. T.
	B pine, 9 ins. diam, S. 62° W. 38 lbs. dist. marked $\frac{1}{4}$ sec. 16, B. T.
41.00	Begin steep descent.
66.00	South fork of North Creek. 5 lbs. wide, pure water, 6 ins. deep, and Canon, 1500 ft. deep. Course S. W. ascend.
- 80.16	The cor. of secs. 8, 9, 16 and 17. Land mountainous. Soil stony 4 th Rate. Timber pine. Mountainous land. 80.16 chs.

This cor. is at the foot of
the steep south slope of
Baloy Peak, and is impossible
to survey further north.
Baloy Peak, bears H. 2° 24' C.
119. 2.7 chs. dist.

	From the cor. of secs. 3, 4, 9 $\frac{3}{4}$ 10. described herebefore. We run
4.00	Iv. on a line line bet. secs. 4 and 9.
9.50	Olive stony land. Descend through heavy pine timber. Head of ravine, course S. W. Blue Lake Creek 5 lbs wide, pure water, 3 ins. deep, and Canon; 1200 ft. deep. Course S. W. ascend.
	From this point the south shore of Blue Lake, bears

Subdivision of T. 28 S. R. 5 W. Continued

Chains

H. 2.50 chs. dist.

Blue Lake is a body of deep water, about 6 acres in extent, its length N. and S. is about 15 chs. and its greatest width E. and W. about 5 chains.

26.35

The foot of steep south eastern slope of Baldy Peak, impossible to survey further, 300 ft. above bottom of canon.

Set a trachyte stone 18 x 10 x 5 ins.

12 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec.

Cor. marked W. C. $\frac{1}{4}$ S. 4, on H. and I., on S. face;

and raise a mound of stone. 2 ft. base, $1\frac{1}{2}$ ft.

high: H. of Cor. Pitt impracticable.

Point for $\frac{1}{4}$ sec. cor. falls on impassable slope, & cannot be set.

Land mountainous.

Soil stony 4th Rate.

Timber pine.

Mountainous land 40.00 chs.

Sept. 23, 1900

Sept. 24, At 8 A. M. I. set. the arc
set off 38° 20' on the lat. arc:
8° 25' S. on the decl. arc: and
determine a true
meridian with the solar.
at the cor. of secs. 31nd and 32.
on the south boundary
of the townships before described.

Thence we run

H. 0° 3' W. bet. secs. 31nd and 32.

Our rolling land, as and
through heavy aspen and

Subdivision of T. 28 S. R. 5 W. Cont'd

Chain

		fine timber.
40.00		Set a - trachyte stone ^{block} $4 \times 8 \times 6$ ins. 10 ins. in the ground, for 4 sec. cor. marked $\frac{1}{4}$ S. 81. on W., and 32 on E. faces: from which bear Aspen, 5 ins. diam., $S. 45^{\circ} E.$ 28 lbs. dist., marked $\frac{1}{4}$ S. 82. N. T.
		Aspen, 6 ins. diam., $S. 30^{\circ} W.$ 35 lbs. dist., marked $\frac{1}{4}$ S. 81. N. T.
57.50		Top of mountain ridge, bear H. C. $\frac{1}{4}$ S. W.
		Begin steep descent.
68.30		Top of rocky spur, project to H. C.
- 80.00		Set a - trachyte stone ^{block} $8 \times 14 \times 8$ ins. 12 ins. in the ground, for cor. of secs. 29, 30, 31 and 32. marked with 1 notch on S. and 5 notches on E. edges: from which bear Aspen, 6 ins. diam., H. 10° E. 15 lbs. dist. marked T. 28 S. R. 5 W. S. 29. B. T.
		Aspen, 4 ins. diam., $S. 60^{\circ} E.$ 12 lbs. dist. marked T. 28 S. R. 5 W. S. 32. B. T.
		Aspen, 4 ins. diam., $S. 30^{\circ} W.$ 8 lbs. dist. marked T. 28 S. R. 5 W. S. 31. B. T.
		Aspen, 3 ins. diam., H. 75° W. 15 lbs. dist. marked T. 28 S. R. 5 W. S. 30. B. T. it and mountainous
		Start Stony $\frac{3}{4}$ Rd Rate.
		Timber Aspen and fine Piney timbered 80.00 chs.

C. on a random line
bet. secs. 29 and 32.

40.00 Set stony. 1 sec. cor.

80.00 Intersect H. and S. line,

Subdivision of T. 27, R. 11, S. 24, section

Chains

at cor. of secs. 28, 29, 31 and 32.

Thence run north

W. on a true line

bet. secs. 29 and 32.

Over rolling land, now covered
through heavy aspen and
pine timber.

.35 Spring branch, course S. W. wide,

Enter dead and fallen timber
bears N. W. and S. E.

15.00 Leave dead and fallen timber,
bears N. and S. W.

35.00 Top of mountain ridge:
bears N. E. and S. W.

Descend

40.00 Set a trachyte ^{knob} 8 x 8 x 7 ins., P. 1000.
in the ground, for dist.

cor. marked 4 S. 29, on N.
and 32, on S. faces:

from which bear

N. pine, 5 ins. diam. H. 62° C. 6 lbs.
dist. marked 4 S. 29, N. 7.

N. pine, 9 ins. diam. S. 49° W. 10 lbs.
dist. marked 4 S. 32, N. 7.

49.50 Spring branch, W. wide, course N. W. wide

Takes S. from project N. E.
descend.

75.50 Lay run course N. W.

Thence cor. of secs. 29, 30, 31 and 32.

Land mountainous

Sail S. long ^{8th Rate}
Timber aspen and pine
heavily timbered 1000 lbs.

W. on a random line.

bet. secs. 30 and 31

40.00 Set tempo. & sec. cor.

85.23 Intersect W. body of township.

Subdivision of T. 28 S. R. 5 W. Cont.

Shimk

5 Mrs. It. of cor. of secs.
25 and 36, which is a tractyle,
20x8x6 ins, firmly set, marked
as described by Surveyor
General.

Hence we run

$21.89^{\circ} 58' E.$ on a true line
bet. secs. 30 and 31.

Our rolling land, ascend
through dense scrub
oak, mahogany and
scattering pine and aspen
timber.

45-23 Set a tractyle ^{stone} 16x10x5 ins.
11 ins. in the ground, for
 $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ S. 30,
on N. and 31, on S. faces;
not raise a mound of
stone, 2 ft. base, 12 ft. high.
It. of cor.

Pits impracticable.

60.00 Top of ridge, bears N. W. and
S. E. 1000 ft. above, cor. of
secs. 25, 30, 31 and 36.

Enter heavy timber, bears
N. W. and S. E. descend.

- 35-23 The cor. of secs. 29, 30, 31 and 32.
Land, limestone.

Soil, strong 3° rate

Timber aspen and pine.

Limestone land, 85, 23 chs.

With point this cor. we set off
in the S. on the decl. all: and at
 $11.8^{\circ} 57' E.$ L. M. L. observe the
line on the northward, the
angle being that is $38^{\circ} 21' N$

QUINTA NATIONAL FOREST

STATE OF UTAH

607

4...

Chains

a cross (X) on top. Dig pits 18x18x12 ins., cross-wise on this and the succeeding course, and raise a mound of earth 4 ft. base, 2 ft. high, 3 $\frac{1}{2}$ ft. dist. within the claim.

A cottonwood 8 ins. in dia. bears N. 7° 34' E., 87 lks. 100 ft. dist.

A pine 8 ins. in dia. bears N. 66° 08' W., 247 lks. 100 ft. dist. on line of the first two trees.

Both trees blazed and scribed X-2-HES-159-BT.

I destroy Cor. No. 2 of the listing survey and its witness.

N. 27° 25' W.

Ascend E. slope 46 ft. to old fence posts.

4.20 Old pole fence bears E. and W., continue ascending E. slope 22 ft. to meadow land.

6.00 Leave meadow land bears N. and S., enter snowbrush and scattering pine, bears N. and S., continue ascending 20 ft. to

8.50 Point of spur falls E. Descend NE. slope 29 ft. to 18.57 Creek 5 lks. wide, 7 ins. deep, course SE. Leave snowbrush and scattering pine bears NW. and SE., enter meadow land, bears NW. and SE.

Ascend gentle SW. slope 69 ft. to

42.06 Cor. No 3 of this survey, identical with Cor. No. 1 of the listing survey which is a limestone firmly set, mkd. and witnessed as described by the Surveyor General, in place of which I set a sandstone 28x12x8 ins., 18 ins. in earth over tin can for Cor. No. 3 of this Survey, mkd. 3-HES-159 on the side facing the claim and a cross (X) on top. Raise a mound of stone 4 ft. base, 2 ft. high, 3 $\frac{1}{2}$ ft. dist. within the claim.

Submission of T. 28 S. R. 5 W. Cont.

Chains	C. on a random line bet. secs. 20 and 29. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 80.15 Intersect H. and S. line 7 lks. N. of cor. of secs. 20, 21, 28 and 29. Thence run N. $89^{\circ} 54' W.$ on a true line, bet. secs. 20 and 24. Over rolling land, discord through heavy aspen and fine timber. 40.075 Top of spur, projects H. Set a bacheley $5 \times 8 \times 6$ ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ S. 20. on H. and 29, on S. faces: from which bear A pine, 10 ins. diam, H. $45^{\circ} E.$ 20 lks. Dist. marked $\frac{1}{4}$ S. 20. B. T. A aspen, 6 ins. diam, S. $10^{\circ} W.$ 30 lks. Dist. marked $\frac{1}{4}$ S. 29. B. T. 71.80 Leave timber bears S. W. and H. C. enter dense oak brush. 72.00 Spring branch 1 lk. wide, course S. W. 75.50 Top of spur, projects S. The cor. of secs. 19, 20, 29 and 30. 800 ft. below cor. of secs. 20, 21, 28 and 29. Land mountainous. Soil stony 3 rd Rate. Timber aspen and pine Mountainous land, 80-15 lks. Sept. 24, 1900
--------	--

Sept. 25. At 8 A.M. I. M. L. was set
off $88^{\circ} 22'$ on the flat merid. 0° 48' S.
on the decl. arc; and determine
a true meridian with the
Solar, at the cor. of secs.

Subdivision of T. 28 S., R. 5 W. Continued

Chains

20, 21, 28 and 29.

Thence we run

S. $89^{\circ} 58' W.$ on a random line

bet. Secs. 19 and 30.

40.00 Set-timbs. $\frac{1}{4}$ sec. cor.

85.14 Intersect W. bdy. of township, at Cor. of Secs. 19, 24, 25 and 30, which is a trachyte stone $5 \times 10 \times 8$ ins. above ground, firmly set, marked as described by the Surveyor General.

Thence we run

W. $89^{\circ} 58' E.$ on a line line.

bet. Secs. 19 and 30.

Descend through dense undergrowth.

5.00 South fork of North Creek, 6 lks. wide, pure water, 6 ins. deep, in canon 900 ft. steep. Course S. W.

Begin ascent over broken land.

45.14 Set a trachyte stone, $15 \times 8 \times 6$ ins. 10 ins. in the ground, for $\frac{1}{4}$ sec.

Cor. marked $\frac{1}{4}$ S. 19, on N. and 30. on S. faces: and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high.

It. of cor.

Pits - impracticable.

The cor. of Secs. 19, 20, 29 and 30.

800 ft. above cor. of Secs. 19, 24, 25 and 30.

Land mountainous.

Soil stony 3rd rate.

No timber.

Mountainous land. 85.14 chs.

W. $0^{\circ} 5' W.$ bet. Secs. 19 and 20.

Over broken land, ascend through dense undergrowth.

40.00 Set a trachyte stone, $14 \times 10 \times 6$ ins. 10 ins. in the ground, for $\frac{1}{4}$ sec.

Subdivision of T. 28 S. R. 5 W. continued

Chains

Cor. marked to S. 19. on W. and 20. on E. faces: and raise a mound of stone, 2 ft. base, 12 ft. high, W. of Cor. Posts impracticable.

14.50 Top of mountain ridge. 800 ft. above sec. cor. bears N. E. and S. W. Begin steep descent, over stony land, through scattering pine timber.

- 80.00 Set a trachyte stone 15 x 9 x 6 ins. 10 ins. in the ground, for cor. of Secs. 17, 18, 19 and 20. marked with 3 notches on the S. and 5 notches on E. edges: and raise a mound of stone, 2 ft. base, 12 ft. high, W. of cor. Posts impracticable. Land mountainous. Soil stony 3rd Rate. Timber, scattering pine. Mountainous land. 80.00 also.

S. 89°57' E. on a random line.

bet. Secs. 17 and 20.

40.00 Set temp. to sec. cor.

Sec 18 Intersect N. and S. line, 7 lbs. S. of the cor. of Secs. 16, 17, 20 and 21. Hence we run

West on a line line

bet. secs. 17 and 20.

Over broken land, ascend through dense undergrowth over stony land.

73.00 Top of mountain ridge, bears N. E. and S. W.

Begin steep descent, through scattering pine timber.

40.09 Set a trachyte stone, 15 x 9 x 7 ins.

Subdivision of T. 28 S. R. 5 W. Concluded.

10 ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 17 on N. and E.
on S. faces: and raise a mound
of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of Cor.

Pits impracticable

80.18

The cor. of secs. 17, 18, 19 and 20.

1000 ft. below top of ridge.

Land mountainous.

Soil stony 3rd and 4th Rate-

Timber. Scattering pine.

Mountainous land. 80.18 chs.

Note: On account of steep,

slide rock slopes of a high
ridge, bearing south west from
Mount Baldy, and box canons
in the northwest portion of
the township, it is impossible
to continue further subdivision
of this township, we therefore
discontinue further surveys.

Sept. 25 - 1900

General Description

This township is entirely
mountainous, the soil is stony
throughout and is 3rd and 4th Rate.

A heavy growth of aspen and
pine timber is found in the
southern and eastern portion,
the northern part is mostly
above timber line, being a
series of high shale rock
ridges, running out with
Belknap and Baldy Peaks as
the axis.

The elevation is from about -

General Description of T. 8 S., R. 5 W. Conclu-

7 to 12 thousand feet above sea level.

The township is well watered by numerous springs,

Blue Lake in the S. W. 1/4 of sec.

4, has been located by citizens of Beartown City for a reservoir.

There is no agricultural land in this township, but it is fair grazing land.

There has no paying prospects been found in this township, but traces of gold and silver are found in the ridges running out from Baldy and Belknap Peaks.

There are no settlers in this township.

There are not sufficient indications of mineral in this to recommend Sec. 10 mineral land.

Albert D. Payton

Harry Emfine

U.S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____, showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____, of the _____ meridian, _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____.

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189_____



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I,

United States Deputy Surveyor

solemnly swear that, in pursuance of a contract received from
United States Surveyor General for _____, bearing date of
____ day of _____, 189 , I have well, faithfully, and truly, in my
proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of
United States, surveyed all those parts or portions of _____

_____ of the _____
meridian, in the _____, which are represented in
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

[Signature] *J. W. F.* *189* *United States Deputy Surveyor*

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Dakota City, Dak., June 3, 1902, 189

The foregoing field notes of the survey of _____
Township 28 South Range 5 West of the Dakota
Base Meridian, _____

executed by *Robert H. Page* and *James E. C. Morris*
under his contract No. *232*, dated *December 16, 1894*, 1894, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward M. Purcell, Surveyor
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-285

FIELD NOTES

X.S.B. OF THE SURVEY OF THE

*South
boundary
of
Township No. 27 South
Range No. 5 West*

*of the Salt Lake base and Meridian,
In the state of Utah*

AS SURVEYED BY

*Hubert D. Page and Harry Envir., United States Deputy Surveyors
then
Under his Contract No. 237, dated November 24th, 1899
Survey commenced September 14th 1890
Survey completed " " , 1890*

6-151

M. 00 - 00 -

S-1 Page - right 2 - 00 - 00 ✓

NAMES AND DUTIES OF ASSISTANTS.

Henry C. Heist, Chemist

George H. Stevens, "

Lewis S. Miller, "

Wallace Isbell, "

Mark S. Hansen, Mammalogist

Haven Burlow, "

Mark S. Hansen, Curator

Haven Burlow, "

Haven Burlow, Flagman

In preliminary affidavits see Lark D. F. 30 S. P. 87

BOOK A-285

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
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18	17	16	15	14	13
19	20	21	22	23	24
80	29	28	27	26	25
81	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

_____, *Chainmen*
_____, *Chainmen*

Subscribed and sworn to before me this _____ }
day of _____, 189 }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

_____, *Moundmen*
_____, *Moundmen*

Subscribed and sworn to before me this _____ }
day of _____, 189 }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn and other duties, according to instructions given us, to the best of our skill and ability, in the survey

_____, *Axmen*
_____, *Axmen*

Subscribed and sworn to before me this _____ }
day of _____, 189 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, *Flagman*
_____, *Flagman*

Subscribed and sworn to before me this _____ }
day of _____, 189 }



..285

South boundary of T. 27 S., R. 57 W.

Survey Commenced,

Sept 14th 1900.

and executed with the instrument described in book "O." of this survey.

I he know from recent observation made

Aug., 23rd and 24th

On the shores of Upper Lake, in
T. 28 S., R. 57 W.

and recorded in book "O."
of this survey,

the instrument to be in
adjustment.

Sept. 14th 1900.

At 8 a.m. l. m. t., I he set off
38° 25' N. on lat. arc: 3° 28' N. on decl.
arc: and determine a true meridian
with the solat. at the cor.
of T. 27 S. R. 57 W.

which is a trachyte $16 \times 14 \times 5$
set in a mound of stone,
marked and witnessed as de-
scribed by the Surveyor General.

Thence I he run

West on South bdy. of Tp. ^{and}
sec. 36.

Ascending over broken ledges
of trachyte bearing N.E. ^{and} S.W.
through scat. pine.

35.00 Top of ledges, 1900 feet above
cor. bear N. ^{and} S. have timber.

40.00 Set a trachyte $15 \times 10 \times 6$ ins.
10 ins. in the ground, fol
 $\frac{1}{4}$ rec. cor. to sec. 36.

marked $\frac{1}{4} S. 36$ on N. face
raised a mound of stone

South boundary of T. 27 S., R. 57 E. continue

Chains.

- 244 base, $1\frac{1}{2}$ ft. high N. of cor.
Pits impracticable.
- 51.00 Top of mountain ^{and} ridge
bears N. E. ^{and} S. W. descend
over broken trachyte ledges.
bear N. E. ^{and} S. W.
- 81.00 Set a trachyte ^{stone} $16 \times 12 \times 8$ ins.
11 ins. in the ground for
cor. of sec. 35 ^{and} 36
marked with 5 notches on the
N. and 1 notch on the E. raised
a mound of stone 2 ft.
base $1\frac{1}{2}$ ft high N. of cor.
Pits impracticable.
- Land, mountainous
Soil, stone ^{scraps}
Scattering Pine timber
Mountainous land 80.00 Chs.

West on South bdg. of Tp.
^{and} sec 35.

- Descend over broken
mountain ^{thru} scattering pine.
- 25.50 Beaver Creek 3 lbs. wide
pure water flows N. in
cañon 1200 ft. deep, ascend.
- 40.00 Set a trachyte ^{stone} $15 \times 10 \times 6$ ins.
10 ins. in the ground, for
the sec. cor. to sec. 35.
Marked $\frac{1}{4} \times 5.35$ on N. face
raised a mound of stone
off base, $1\frac{1}{2}$ ft. high
N. of cor.
Pits impracticable.
- 118.10 Beaver timber, bears N. & S.
Ascend over slide rock.
- 50.00 set a shale rock $20 \times 14 \times 3$ ins
5 ins. in a mound of stone
and earth.

South boundary of T. 27 S., R. 52 W. concluded.

Chains

for cot. of secs. 34th & 35.
Marked plith 4 notches on
the N. and 2 notches on the
E. edges, raised a mound
of stone, 2 ft. base, 1½ ft.
High n. of cot.
Pits impracticable.
Land mountainous,
soile. stony ~~steep~~ plate.
Timber, scattering pine.
Mountainous land 8000 chas.
Sept. 14th, 1900.

Were unable to continue
further west on this or an
offset line, the same being
not only impossible but
dangerous to life.

The line continued west
from this cot. will pass
over a continuation of
steep side rock ridges
and canons which join
Mt. Baldy ^{and} Belknap. The
same being inaccessible
from this side of the
mountain, and with but
one long, winding, narrow
and dangerous trail from
any point.

Hubert D. Page
Harry Envin
U.S. Dep't, Surveyor.

There being no justice public or other
officer authorized to administer oaths
within reasonable distance at the
beginning or ending of the Survey, in
order to save time and expense
I administer the preliminary
and final oaths myself.

Hubert D. Page
G. S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

..... United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

....., Chainman.

....., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

..... United States Deputy Surveyor, in surveying all those parts or portions of the _____

..... of the _____

..... meridian, of which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for

....., Chainman.

....., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

Subscribed and sworn to before me this

day of, 180 }
....., 180 }

████████
O SEAL O
████████

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

Harry Everett

I solemnly swear that, in pursuance of a contract received from
United States Surveyor General for

25th day of November, 1899, I have well, faithfully, and truly, in my own
person, and in strict conformity with the instructions furnished by the United States Surveyor
General for

Utah, the Manual of Surveying Instructions, and the laws of the
United States, surveyed all those parts or portions of the 7th day of July, 1883, R. 44 N.
N. 44 E., T. 29 S., R. 57 E., and the 8th day, 9. 7. 8, R. 54 E.

E. 44 S., T. 29 S., R. 57 E., and the 8th day, 9. 7. 8, R. 54 E.

of the Salt Lake
base and meridian, in the State of Utah, which are represented in the
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly
swear that all the corners of said survey have been established and perpetuated in strict accordance with
the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor
General for Utah, and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Everett
United States Deputy Surveyor

Subscribed by said Harry Everett, and sworn to before me
this 11th day of September, 1901

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000000

Edward Anderson
P. Surveyor General of Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

180

The foregoing field notes of the survey of

executed by _____
under his contract No. _____, dated _____, 189____; having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in
has been correctly copied from the original notes on file in this office.

United States Surveyor General

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Albert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Part 4th R. 28^E S. R. 29^S and 30^S R. 29^E R. 29^S 1th E. 4th R. 29^S R. 27^S. R. 28^S. the Salt Lake base meridian in the state of Utah. showing the respective capacities in which they acted:

<u>Harvey D. Fish</u>	<u>George N. Stevens</u>	<u>, Chainman.</u>
<u>Lewis S. Miller</u>	<u>Wallace Isbell</u>	<u>, Chainman.</u>
	<u>Newark S. Dawson</u>	<u>, Moundman.</u>
	<u>Narcia Burton</u>	<u>, Moundman.</u>
	<u>Newark S. Dawson</u>	<u>, Axman.</u>
	<u>(Narcia Burton)</u>	<u>, Axman.</u>
	<u>Haven Burton</u>	<u>, Flagman.</u>

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Albert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the Pt. 4dy R. 28^E S. R. 29^S, P. dy R. 29^S R. 27^S R. 29^E, E. dy R. 29^S R. 27^S R. 29^E, R. 27^S R. 29^S of the Salt Lake base and meridian, In the state of Utah, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

<u>Harvey D. Fish</u>	<u>George N. Stevens</u>	<u>, Chainman.</u>
<u>Lewis S. Miller</u>	<u>Wallace Isbell</u>	<u>, Chainman.</u>
	<u>Newark S. Dawson</u>	<u>, Moundman.</u>
	<u>Haven Burton</u>	<u>, Moundman.</u>
	<u>Newark S. Dawson</u>	<u>, Axman.</u>
	<u>Haven Burton</u>	<u>, Axman.</u>
	<u>Haven Burton</u>	<u>, Flagman.</u>

Subscribed and sworn to before me this 20th day of September, 1890



Albert D. Page
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

Hubert D. Page

United States Deputy Surveyor

solemnly swear that, in pursuance of a contract received from
United States Surveyor General for

24th day of November, 1899, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the N. bdy. of T. 28 S., R. 4 W., and R. 5 W., lying the E. bdy. of T. 29 S., R. 5 W., S. bdy. T. 27 S., R. 5 W.,

of the Salt Lake base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page

United States Deputy Surveyor

Subscribed by said Hubert D. Page, and sworn to before me,

this 11th day of September, 1899.

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Edward H. Alderson
Surveyor General for U.S.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Valhalla, N.Y., June 3, 1900.

The foregoing field notes of the survey of Township 27 South Range 5 West of the First Principal Meridian, Colorado,

executed by Hubert D. Page and Harry Everett under contract No. 232, dated November 24, 1899, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward H. Alderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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FIELD NOTES

Attachment
OF THE SURVEY OF THE

East

boundary

of

Township No. 27 South

Range no. 5 west

of the Salt Lake Base and Meridian,
In the state of Utah

AS SURVEYED BY

*Hubert D. Page & Harry Ensign, United States Deputy Surveyor,
Under his Contract No. 737, dated November 24th, 1899.*

*Survey commenced July 2nd, 1899
Survey completed " 1899*

6-151

Loc - 10150

NAMES AND DUTIES OF ASSISTANTS.

Jos J. Brind. chairman

Harry A. Rager. "

Jay Morrison "

William O'Hallquist "

Charles C. Scanlan mound man

Vernick Hansen "

Charles C Scanlan alman

Vernick Hansen "

" flagman

BOOK A-285

INDEX DIAGRAM.

Township _____, *Range* _____

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, Ed J. Brind, Jerry A. Rager, Jay Morrison and William O. Halquist
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the
 chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that
 we will report the true distances to all notable objects, and the true lengths of all lines that we assist in
 measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of
Eddy 9.775, R.5 N. of the Salt Lake basend meridian, in the state of Utah

Frank J. Brind.

Jay Morrison

Jerry A. Rager, Chainman.
William O. Halquist, Chainman.

Subscribed and sworn to before me this _____
 day of May 27th, 1891 }



WE, Charles C. Scanlan and Tarmish Hansen

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment
 of corners, according to the instructions given us, to the best of our skill and ability, in the re-survey of
Eddy 9.775, R.5 N. of the Salt Lake basend meridian, in the state of Utah

Charles C. Scanlan, Moundman.

Tarmish Hansen, Moundman.

Subscribed and sworn to before me this 27th
 day of May, 1891 }



WE, Charles C. Scanlan and Tarmish Hansen

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners
 and other duties, according to instructions given us, to the best of our skill and ability, in the re-survey of
Eddy 9.775, R.5 N. of the Salt Lake basend meridian, in the state of Utah

Charles C. Scanlan, Axman.

Tarmish Hansen, Axman.

Subscribed and sworn to before me this 27th
 day of May, 1891 }



I, Tarmish Hansen, do solemnly swear that I will well and truly
 perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the
re-survey of Eddy 9.775, R.5 N. of the Salt Lake basend meridian, in the state of Utah.

Tarmish Hansen, Flagman.

Subscribed and sworn to before me this 27th
 day of May, 1891 }



Hubert D. Page,
U.S. Deputy Surveyor

Attachment of the E. bdy. of T. 37 S. R. 5 W.

Knowing sec. 1. will not close within the limits we place the east boundary of sec. 1.

Survey commenced -

July 2, 1901

And executed with the instrument described in book Z⁶ of this survey.

We know from recent observations made June 25th July 1, 1901, and recorded in book Z⁶ of this Survey, the instrument to be in Factus lineat.

July 2: At the cor. of secs. 1, 6, 7th 16 on the E. bdy. of the township, which is a Spruce-tree 6 ins. diam. marked and witnessed as described by the Surveyor General.

At 3 p.m. I. m. - I. we set off 38² 9' N. on the lat. arc: 23° 04' 41. on the decl. arc: and determine a true meridian with the Solar.

Hence we run

North, on a blank line, on the east boundary of sec. 1.

At 40.00 we find the $\frac{1}{4}$ sec. cor. N. 32° 28' W., 65 ft. dist.

and at 81.50 chs. intersect E. and W. line, 5 ft. N. of

the cor. of Tp. 37 S., R. 5 W. which is a Shale rock 6x10x8 ins. above the ground, marked and witnessed as described by the Surveyor General.

Sketches made of C. body of T. 27 S. R. 5 H. Parliament

Shows

- As the E. side of sec. 1 is most suitable the sketches
for bearing on this latter
are set out - the east body
of sec. 1 as follows:
- From the cor. of Secs. 1, 6, & 18.
the same before described
The sketch
 $41.0^{\circ} 30' N.$
 betw. Secs. 1 and 6, on E. body of Th.
 Over rolling - stony bank,
 descent, through heavy pine
 timber & some undergrowth.
 Road, bears N. E. and S. W.
 12.00 Road, bears E. and W.
 18.00 Road, bears E. and W.
 20.40 Same road, bears N. E. and S. W.
 Leave pine timber, in the heavy
 aspen - bears N. E. and S. W.
 27.00 Leave timber.
 30.00 Ravine, the st. slope, course N. S.
 Begin ascent!
 36.00 In the scattering aspen timber.
 38.50 Leave timber.
 40.50 The 1/4 sec. cor. for Secs. 1 and 6.
 which is a granite ridge -
 above the ground, - described
 as described by the
 Surveyor general.
 Hence we run
 $41.0^{\circ} 35' E.$
 43.00 In the scattering pine timber
 Top of ridge, bears N. E. and S. W.
 descent:
 49.00 Road, bears N. E. and S. W.
 Begin ascent
 58.75 The cor. of Th. 27 S. dis. 4 and 5 H.
 the same before described.
 cannot broken
 Soil stony 3rd and 4th Rate.

Retacement of C. Secy. of T. 27 S. R. 5 W. Concluded.

Timber. Asper and fine
Mountains land and
dense undergrowth 81.50 Chs.

July 8, 1901.

For General Description see
book of subdivisions of
T. 27 S. R. 5 W.

Hubert D. Page,
Harry Cowin,
U.S. Deputy Surveyor

There being no notary public
or other officer authorized to
administer oaths, within
reasonable distance, at the
beginning or ending of the
Survey, for order to save time
and expense, I administer
the preliminary and final
oaths myself.

Hubert D. Page
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____

day of _____, 189_____



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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Evans, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blaier, United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of East side of S.R. 5 N.

of the Salt Lake base line, meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Evans
United States Deputy Surveyor.

Subscribed by said Harry Evans, and sworn to before me }
this 11th day of September 1901, 189 }



Edward H. Anderson
Asst Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

189

The foregoing field notes of the survey of _____

executed by _____
under his contract No. _____, dated _____, 189 _____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES

A list of the names of the individuals employed by Hubert D. Page and Harry Crouse, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Eddy, P. S. R. & P. R. S. P. of the Salt Lake and Meridian, in the state of Utah. owing the respective capacities in which they acted:

Ford J. Birnd, Harry A. Page Chainman.
Jay Morrison, William C. Falquist Chainman.
Charles C. Scanlan Moundman.
Varnick Hansen Moundman.
Charles C. Scanlan Axman.
Varnick Hansen Axman.
Varnick Hansen Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Crouse, United States Deputy Surveyors in surveying all the parts or portions of the Eddy, P. S. R. & P. acting of the Salt Lake and Meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by them and under his direction; and that said survey was in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Ford J. Birnd July 11, 1891 Chainman.
Jay Morrison, William C. Falquist Chainman.
Charles C. Scanlan Moundman.
Varnick Hansen Moundman.
Charles C. Scanlan Axman.
Varnick Hansen Axman.
Varnick Hansen Flagman.

scribed and sworn to before me this 11th day of July, 1891

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Hubert D. Page,
U.S. Deputy Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

1, Hubert D. Page, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Eddy D 27 S R 5 T.

base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page,

United States Deputy Surveyor

Subscribed by said Hubert D. Page, and sworn to before me }
this 11th day of September 1891, No. }



Edward H. Hinckley
U.S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, February 11, 1893, 1893
reconcerning the East Boundary of
Township 2^d South Range 5th West of the Salt Lake
Base & Meridian, Utah

executed by Hubert D. Page and Harry Evans
under his contract No. 232, dated September 1891, 1891, having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward H. Hinckley
United States Surveyor Gen.

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.

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DIRECTIONS.—1. Carry out calculations to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures, but put below them the corrected footing in red ink.
 3. In calculations for balancing fallings should be proportional to the lengths of the lines.
 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

Sheet No. 3.—Revised Feb., 1915.
 Put the corrected figure or figures above in red ink.
 The corrections for balancing fallings should be proportional to the lengths of the lines.
 In calculations of fallings take result to nearest link.

TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 212, STATE OF UTAH.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.	EAST.	WEST.	EAST.	WEST.
Tie Line From Cor. No. 1 of H. S. S. to No. 212.										
1 - HES 212 N. 81° 05' E.	15.22	2.56			15.04					
N. 65° 55' E.	10.74	4.58			9.81					
N. 29° 10' E.	5.19	4.53			2.53					
U.S.I.I. #251 N. 15° 13' E.	2.81	2.71			74					
		1.598			28.12					
Bearing and length of line from Cor. No. 1 to U. S. I. I. No. 251.					63° 34' E.	31.40				

NAMES AND DUTIES OF ASSISTANTS.

In 1900

Willie J. Neal Chairman.

Alfred H. Shorlein "

Elson W. Allard. Moundman

Otto S. Allen. Assmnr

Herbert Price. "

Elson W. Alfred Flagman

In 1901

Ivor J. Bird, Harry A. Ragon, Chmnmn

Joy Morrison William C. Walquist, "

Charles L. Scanlan, Moundman

Eamick Hansen "

Charles L. Scanlan, Eamick Hansen. Assmnr.

Eamick Hansen. Flagman

6-161

In. 4
1900. For preliminary affidavits see book J. Pg 295 P3-A
1901. For preliminary affidavits see book Z" Pg 275. P6-W

BOOK A-285

INDEX DIAGRAM.

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31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE,

and

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chainma

, Chainma

Subscribed and sworn to before me this _____
day of _____, 189 }



WE,

and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundma

, Moundma

Subscribed and sworn to before me this _____
day of _____, 189 }



WE,

and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axm.

, Axm.

Subscribed and sworn to before me this _____
day of _____, 189 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

, Flagm.

Subscribed and sworn to before me this _____
day of _____, 189 }



Subdivisions of 9.27 S., R. 5 1/2.

Survey Commenced

Sept. 21st 1900.

and executed with a ^{1/2} M²nd class
L. C. Gurley light mountain
transit no. - with solar
attachment, the horizontal
limb is provided with two
double verniers, reading to
single minutes of arc.
which is also the least
count of the verniers of
the latitude and declination
arcs.

The instrument was examined
tested on the true meridian
at Salt Lake City, found
correct and was approved
by the Surveyor General
for Utah.

June 16th 1900.

He examined the adjustments
of the transit and correct the
same.

Then to test the solar
apparatus, by comparing
its indications, resulting
from observations made
during a. m. and p. m. hours,
with a true meridian
determined by observation
of Polaris,

He proceed as follows:

At the cor. of secs. 35^{and} 36.

on the S. bdy. of 9.27 S.,

R. 5 1/2. hectares described and
set by us Sept. 14th 1900.

Spec'd off 38° 25' N. on lat. arc;
0° 37' N. on decl. arc; and at 4 P.M.
l.m.t., determine a true meridian

Subdivisions of T. 27 S., R. 5 E., continued.

Chains

with the solar, and mark the point thereof on a stone firmly set in the ground 5 chs. N. of our station.

Sept. 21st 1900.

Sept. 22nd

At 1 h 20 m. a.m. l.m.t., we observe Polaris at Upper Culm nation, in accordance with the manual of instructions, and mark the true Meridian thus determined by cutting a small groove in the stone set yesterday; The true meridian falls 0.3 ins. East of the mark determined by the solar.

At 8 a.m., l.m.t., we set off $38^{\circ}25'N$ on lat. arc; $0^{\circ}22'W$ on decl. arc, and mark a point in the true meridian determined with the solar by a cross on the stone already set 5 chs. N. of our station. This mark falls 0.20 East of the true meridian established by Polaris observation.

The solar apparatus by p.m. and a.m. observations, defines positions for true meridian respectively about $0'16''$ West and $0'11''$ East of meridian established by Polaris observation; therefore, we conclude that the adjustments of the instrument are correct.

The Magnetic bearing of the true meridian at 8 a.m. is

Subdivisions of T. 27 S., R. 5 N. continued.

Chains.

N. 16° 00' N. the angle thus determined, reduced by the table, page 100 gives the mean mag. decl. $15^{\circ} 57' E.$

From the cot. already described,

The run

No. 0° N. Oct. secs. 35 and 36.

Descending over broken mountains scattering Pine timber

26.50 Ravine 500 ft. deep ^{and Spring branch} ill. wide, course N. N. W.

Ascend over shale rock - on slide former will not stand.

40.40 set a trachyte ~~tree~~ $3 \times 6 \times 5$ ins. in ground, for spines cot. to $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} S. 35.$ on N. 36 on E. faces.

From which a pine 16 ins. in diam. bears N. $35^{\circ} N.$ 30 lbs. dist. marked $\frac{1}{4} S. 35. N.W.C. B.T.$

a balsome 7 ins. in diam. bears S. $35^{\circ} E.$ 7 lbs. dist. marked $\frac{1}{4} S. 36. N.W.C. B.T.$

42.00 Spur, projects N. desc. Dry run, bears N. $15^{\circ} E.$

78.50 80.00 set a trachyte ~~tree~~ $4 \times 8 \times 5$ ins. 10 ins. in the ground, for cor. of secs. 25, 26, 35 and 36. marked with 1 notch on the S. and E. edges.

From which an aspen 8 ins. in diam. bears N. $60^{\circ} E.$ 26 lbs. marked T. 27 S. R. 5 N. S. 25 B.T.

an aspen 6 ins. in diam. bears S. $60^{\circ} E.$ 22 lbs. dist. marked T. 27 S. R. 5 N. S. 36 B.T.

Subdivisions of 9275, R. 52 P. Cont.

Chains

	An Aspen 8 ins. in diam. bears S. 85° W. 18 lbs. dist. marked 9275 R. 52 P. S. 35 B. T.
	An Aspen 8 ins. in diam. bears N. 10° W. 22 lbs. dist. marked 9275 S. R. 52 P. S. 26. B. T.
	Land, mountainous. Soil, stony. 4th rate. Timber, scattering. Mountainous land 80.00 chs.

	Cast on a random line bet. secs. 25 & 36.
32.00	Impossible to survey further E. on account of slide rock. falls and boulders 6 x 4 x 3 ft. for width. cor. to 1/4 sec. C. marked 27 C. 1/4 S. 25 on N. 36 on S. faces. From which a talus one 10 m. in diam. bears S. 45° W. 48 lbs. dist. marked 27 C. 1/4 S. 36. B. T.
110.00	A pine 27 ins. in diam. bears N. 60° E. 84 lbs. dist. 27 C. 1/4 S. 25 B. T. falls on slide rock $\frac{1}{4}$ m. cannot be seen. 1/4 inc. 27 C. 1/4 S. 36.
1.00	Cast on a true line bet. secs. 25 & 36. falls descend. Spring branch 1/4 m. wide. Course N. 35° W. as and through scattering Pine over shale rock.
15.00	Spring branch 1/4 m. wide. Course N. 20° W.
29.00	Dry wash N. 15° E.
32.00	The cor. of secs. 25, 26, 35 & 36.

Subdivision of T. 27 S., R. 5 E. continued.

Chains	land, mountainous Soil, stony ^{4th rate} Timber, scattering pine. Mountainous land <u>40.00 acres.</u>
--------	--

76

No. 001, 2^f.

bet. secs. 25 ^{and} 26.

Descend, over shale rock -
through scattering aspen
and pine timber.

6.00 South bank of canon, 300 ft.
deep. slide rock sides.
bear N.E. and S.W.

16.00 Beaver Creek 4 lks wide
pure water flows N.E.
in canon.

40.00 Comes falls on slide
rock impossible to stand.

67.80 Top of small spur projects
E. set a trachyte ^{15 x 14 x 3 ins.}
pins. in mound of rock salt.
for witness cor. to 1/4 sec.

Cor. marked N.W. 1/4 S. 26 on 2^f. 25 on E.
faces raised mound of stone
3 ft base, 1 1/2 ft high W. of
cor.

Pits impracticable.

set a trachyte ^{15 x 8 x 4 ins.} 10
ins. in the ground for cor.
of secs. 23, 24, 25 ^{and} 26. marked
with 1 notch on the E. and
2 notches on the S. edges.

From which a balsome 6
ins. in diam. bears. N. 60° E. 36
lks. dist. marked T. 27 S., R. 5 E.
S. 24 B. Dia. & price 24 ins. in
diam. bears. S. 70° E. 14 lks. dist.
marked T. 27 S., R. 5 E. S. 25 B.T.

Subdivision of T. 27 S., R. 5 E. Continue

chains

A Balsome 3 ins. in diam.
beams 8.75 ft. 18 lbs. dist.
marked T. 27 S., R. 5 E. S. 26. B. 7.
A pine 4 ins. in diam. beams
N. 48° E. 17 lbs. dist. marked
T. 27 S., R. 5 E. S. 23. B. 7.
Land, mountainous
soil, stony 4th rate
Timber scattering
mountainous land 8.00 ch.
Cloud obscures the sun, can take no observation

33.00

Cast on a random line
bet. secs. 24 & 25.

Impossible to continue
this line on account of
slide rock.

On West edge of Beaver
Canyon set a trachyte stone
10x 8x 6 ins. 10 ins. in the
ground for witness cor.
S. 1/4 sec. cor. marked T. C.
1/4 S. 24 or N. 25 on S faces.

Opposite which a balsome 6 ins.
in diam. beams N. 10° E. 35 lbs.
dist. marked T. C. 1/4 S. 24 B. 7.
a balsome 8 in. in diam. beam
S. 15° E. 43 lbs. dist. marked T. C. 1/4 S. 25 B. 7.

40.00 Fall on slide rock. 1/4 cor. cannot be set.

Hence repeat

Cast on a true line
bet. secs. 24 & 25.

Ascent over shale rock, through
scattering pine timber.

40.00

The cor. of secs. 23, 24, 25 & 36,
800 ft. above witness cor.,
land, mountainous
soil, stony 4th rate
Timber scattering

A-205

Subdivisions of T. 27 S., R. 52 E. continued.

chains	Mountainous land 4000 chs.
	From this corner it is impossible to extend the line north, there being a continuation of steep slide rock cañons and ridges.
	Sept 22nd, 1900.
	Sept. 23 rd 1900. At 8 a.m., l.m.t., we set off 38° 25' N on lat. arc. 0° 2' S., on decl. arc; and determine a true meridian with the solar at the cor. of secos. 34 rd 35' on the S. bdy. of Tp. hoodia described, set by us. Sept. 14 th , 1900. Thence we run N. 0° 0' 27" lat. secos. 34 rd 35'. Over slide rock, sloping E. Corners will not stand on slide rock. 40.00 Falls on stationary boulders projects 4x3x2 ft. for witness cor. = to 1/4 sec. cor. marked W.C. 1/4 S. 34° 35' E. faces from back & pine 2 ins. in diam. bears N. 60° E. 81 chs. dist. marked W.C. 1/4 S. 35° B.S. a pine 4 ins. in diam. bears N. 20° 27. 1.11 chs. dist. marked W.C. 1/4 S. 34 B.S.
56.60	Spring branch. 2 ft. wide, flows E. as cond.
57.00	Set a granite block 18x15x8 ins. 12 ins. in the ground, for cor. of secos. 26, 27, 34 rd 35'.
80.00	

Subdivision of T. 27 S., R. 5 W. continued.

Chains.

Marked with 1 notch on the S. and 2 notches on the E. edges. From which a pine 4 ins. in diam. bears N. 15° 27' 12 lbs. dist. marked T. 27 S., R. 5 W. S. 26. B.D. A pine 5 ins. in diam. bears S. 15° E. 12 lbs. dist. marked T. 27 S., R. 5 W. S. 35. B.D. A pine 4 ins in diam. bears S. 30° W. 28 lbs. dist. marked T. 27 S., R. 5 W. S. 34. B.D. a pine 4 ins. in diam. bears N. 15° W. 12 lbs. dist. marked T. 27 S., R. 5 W. S. 27. B.D. Land, mountainous soil, stony. 4th rate. Timber, scattering. Mountainous land 80.00000.

Cast on a random line bet secs. 26 and 35.

40.00 set temp $\frac{1}{4}$ sec. cor.

80.08 Intersect N.^{ad} S. line at the cor. of secs. 25, 26, 35^{ad} and 36.

Thence 2 p. pm

Cast on a true line

bet secs. 25 and 35.

Descend over shale, through scattering pine and aspen,

8.75 Beaver Creek, 4 lbs wide pure water flows N. E. in bottom of canon 400 ft. below cor. as laid.

40.04 Set a granite it. $\frac{1}{4} \times 16 \times 8 \times 6$ ins. 11 ins in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} \times 16 \text{ m. n.}$ 35° N. S. faces

Subdivision of S. 27 T., R. 52^{W.} continued.

Chains:

	Dom which an aspen 4 ins. in diam. bears S. 10° E. 28 lbs. dish. marked 1/4 S. 35 B.T.
	an aspen 4 ins. in diam. bears N. 30° W. 32 lbs. dish. marked 1/4 S. 26 B.T.
45.00	Ravine 200 ft. deep drains S. as cend
80.08	The cor. of secs. 26, 27, 34 ^{and} 35. Land, mountainous soil, stony. 4 th rate. Timber scattering Mountainous land 80.08 chs.

	N. 0° 0' 27. bet secs. 26 ^{and} 27. Ascend, over shale rock scattering pine. Leave timber.
4.00	
18.00	Top of Bald peak 11,500 ft. above sea level. Ridge bears N. 8° ^{and} S. 27. if descend.
40.00	Set a shale rock. 18 x 14 x 3 ins. Rins. with ^{and} mound of stone for 1/4 sec. cor. marked 1/4 S 27 ^{W.} 26 on E. faces raised a mound of stone 2 ft. base. 1 1/2 ft. high ^{W.} of cor.
48.00	Pits impracticable. Bottom of canon 200.0 ft. below ridge course N. W.
80.00	Set a shale rock 16 x 10 x 6 ins. 10 ins. in the ground, for cor. of secs. 22, 23, 26 ^{and} 27. marked with 2 notches on the S. and E. edges. raised a mound of stone 2 ft base, 1 1/2 ft. high ^{W.} of cor. Pits impracticable.

BOOK A-20

Subdivision of T. 27 S., R. 5 W. continued.

Chains

Land, mountainous	
Soil, stony	4 th rate.
Timber, scattering	
Mountainous land	80.00 chs.

Sept 23nd 1900.

At this cor. the set off 0°06' S. on decl. arc: and at 11 h. 53 m. a.m. observe the sun on the meridian the resulting lat. is. 38°27' n.

Each on a random line,
bet. secs. 23rd & 26.

40.00 Set temp. 1/4 sec. cor.
80.30 Intersect N. ^{45°} S. line 40 lbs. S. of
the cor. of secs. 23, 24, 25^{and} 26.
Then go run
S. 89°43' W. on a true line
bet. secs. 23rd & 26. ascend
over shale rock.
40.15 On top of Bald peak, 11,000 ft. ^{as} sea level, ^{as}
Ridge bears N. & S.
set a shale pack 15 x 10 x 6 in.
Bisects a stone ^{and} foot
1/4 sec. cor. marked 1/4 S. 23 on N.
26% S. faces, raised a mound
of stone 2 ft. base 1 1/2 ft. high
gr. of cor.
It's impracticable
descend.

80.31 The cor. of secs.
22, 23, 26 ^{and} 27.
Land, mountainous
Soil, stony 4th rate.
No timber
Mountainous land
80.30 chs.

Subdivisions of T. 27 S., R. 5 W. continued.

Chains

Impossible to continue a line North from the cot. of secs. 22, 23, 26nd 27.

on account of slide rock forming ~~Canyons~~^{ridges} which are impassable.

From the cot. of secs. 22, 23, 26nd 27.

We can proceed West a short distance, and knowing that it is impossible to bring a line North from the south boundary from any point West.

We run West on a true line bet. secs. 22nd 27.

Descend over shale rock, through scattering scrub pine and aspen timber.

Bottom of Canyon
400 ft below cot.
drains N. 30° W.

Leave timber, begin steep ascent over shale rock.

Top of narrow spur ridge, bears N. 20° W. and S. 20° E.

Impossible to proceed West from this point.
Therefore.

12,00

22,00

Subdivision of T. 27 S., R. 5 1/2 W. continue

Set a shale rock $12 \times 10 \times 6$ ins. for spitiness cot. to $\frac{1}{4}$ sec. cot. marked N.C. $\frac{1}{4}$ S. 22. on N. face 27 on S. face.
Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high. N. off cot. Pits impracticable
40.00 Falls in slide rock ^{and} $\frac{1}{4}$ cot. is not set.
Land, mountainous
Soil, stony. 4th rate.
Timber scattering,
mountainous land, 40.00 chs.

September 23rd 1900.

Note: On account of steep slide rock canons ^{and} ridges ^{all} as entirely worthless land, joining the foot of Mt. Belknap, it is not only impossible, but dangerous to continue any line North from the S. boundary, or to survey the subdivisions of this township in the regular manner. He therefore proceeded with the subdivision from T. cot. of secs. 1, 6, 7 ^{and} 7. on the E. bdy. of the Twp.

September 26th 1900.

On account of stormy weather and the lateness of the season, with indications of a continuation of bad weather, and the impossibility to proceed in the present snow; and in order that he may accomplish as much work during this season as possible, he concluded to abandon the higher portions of this contract and this Township.

Therefore, he proceeded to survey T. 26 S., R. 4 1/2 W.

Jabert D. Page
Harry Erwin
U.S. Deputy Surveyor

Subdivision of T. 27 S., R. 52 E. continued.

Note: June 30, 1901.

For reasons given
on page II of this book.
We did not finish the
Subdivisions of this Tp.
in the order designated
or in the regular manner.

After a thorough ex-
amination of this town-
ship, we are satisfied that
the only possibility of
extending an auxiliary
base across this township
is from the cor. of secs.
1, 6, 7^{and}, 12, on the E. Hwy.

Therefore we proceed as follows:

Survey commenced

June, 30th 1901.

And executed with a T. & G.
L. E. Gurley Transit No. —
with solar attachment. The
horizontal limb is provided
with two double verniers
placed opposite to each
other, reading to single
minutes of arc, which is
also the least count of the
verniers of the latitude and
declination arcs.

The instrument was ex-
amined, tested on the true
meridian at Salt Lake City
and found correct, and
approved by the Surveyor
General for Utah.

May 25th 1901.

Subdivision of T. 27 S., R. 5 W. continue

He examine the adjustments of the transit and find them correct; then, to test the solar apparatus, by comparing its indications, resulting from solar observations, made during a.m. and p.m. hours with a true meridian determined by observation on Polaris, he proceed as follows:

At the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of T. 27 S., R. 5 W.

which is a pine tree marked and witnessed as described by the Surveyor General.

He set off $23\frac{1}{2}$ ' N. on decl. arc: $38^{\circ}29'2\frac{1}{2}$ on lat. arc; and at 4. p. m., l. m. t., determine a true meridian with the solar, and mark the point thereof on a stone firmly set in the ground 5 chs. N. of our station.

June, 30th 1901.

July 1st 1901.

At 4.04.56 m. a. m., l. m. t., he observe Polaris at Eastern elongation, in accordance with manual of instructions and mark a point in the line thus determined, on a plug driven in the ground 5 chs. N. of our station.

At 7 a. m., l. m. t., he lay off the Azimuth of Polaris $1^{\circ}34'4\frac{1}{2}$

Subdivision of 9.27 S. R. 52¹. continued.

the West, the true meridian thus determined falls on the mark made by the solar observation.

At 8. a. m., l. m. t., he set off 23° 09' N. on decl. 38° 29' N. Lat. 40°, ^{and} mark a point in the true meridian determined with the polar, this mark falls on the mark determined by the Polaris observation.

The solar apparatus by p. m. ^{and} a. m. observations defines the position for true meridian at the same place as by Polaris observation; therefore we conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 8. a. m. is N. 16° 10' W. The angle thus determined, reduced by the table page 100, gives the mean mag. decl. 16° 04' E.

From the cot. already described he run

West on Auxiliary base
Lat. sec. 1³ and 12.

Ascending through heavy pine and aspen timber.

1.00 Spagon road bears N. ^{and} S.

2.70 Spagon road bears N. ^{and} S.

12.00 Top of ridge ^{and} spagon road bears S. 85° E. ^{and} N. 85° W.

23.00 Spagon road bears S. ^{and} N. E.

24.40 Spagon road bears N. ^{and} S. E.

40.00 Set a teacy tree 15 x 10 x 6 ins.
10 ins. in the ground, foot.

Subdivision of T. 27 S., R. 5 W. continue

Chains

1/4 sec. cor. marked $\frac{1}{4}$ S. 1 on N,
12 on S. faces.

From which an Aspen 4 ins.
in diam. bears S. $5^{\circ} 27'$. 10 lbs. dist.
marked $\frac{1}{4}$ S. 12. B. T.

an Aspen 4 ins. in diam bears
N. $7^{\circ} 6'$. 12 lbs. dist. marked $\frac{1}{4}$ S
1. B.T.

67.00 Top of mountain Ridge 800
ft above sec. cor. bears N.W.
and S.E. descend

72.00 leave heavy timber
enter scattering timber ^{and}
shale rock.

-- 80.00 Set a shale rock $14 \times 10 \times 5$ ins.
10 ins. in the ground for
cor. of secs. 1, 2, 11 ^{and} 12
marked with 5 notches in $\frac{1}{4}$ ins
on the E. edges
raised a mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high top of lot.
Pits impracticable.

From which a pine 4 ins. in
diam. bears N. $17^{\circ} 8'$. 47 lbs dist.
marked T. 27 S., R. 5 W. Sec. 1. B.T.

A pine 4 ins. in diam. bears
S. $18^{\circ} 27'$. 8 lbs. dist. marked
T. 27 S., R. 5 W. S. 11. B.T.

A pine 14 ins in diam. bears
N. $32^{\circ} 27'$. 71 lbs. dist. marked
T. 27 S., R. 5 W. Sec. 2. B.T.

No other suitable bearing
trees available.

Sand, mountainous

Soil, stony $3\frac{1}{2}$ to $4\frac{1}{2}$ in. rate.

Pine, pine ^{and} aspen

mountainous land

heavily timbered 80.00 chs.

Subdivision of T. 27 S., R. 57 E. Continued.

Chains

- Spur on Auxiliary base
bet. secs. 2^{and} 11.
Descending over shale
rock, through scattering
pine timber
- 7.00 Ravine 450 ft below cor.
drains N. W.
39.85 Spagon road, bears
N. ^{and} S.
- 40.00 set a trachyte ^{the} 18 x 10 x 6 ins.
12 ins. in the ground for.
1/4 sec. cor. marked 1/4 S 2
on N. 11 on S. faces,
From which an aspen 4
ins in diam. bears N. 30° E.
56 lbs. disk. marked 1/4 S. 2.
B.T. an aspen 4 ins. in diam
bears S. 20° W. 56 lbs. disk.
marked 1/4 S 11 B.T.
- 46.50 Pampway belonging to Anne-
Laurie Mining Co. bears N. ^{and} S. 2^{and}
S.E.
- 64.00 Mill creek 5 lbs. wide, pure
water flows N. in canon
500 ft deep. ascend
- 67.00 Spagon road, bears N. E. ^{and} S. W.
Road from Timberville to
Fish Creek.
Leave timber, bears N. E. ^{and} S. W.
Enter dense sage brush.
- 75.20 Enter pine ^{and} aspen timber
bears N. ^{and} S.
- 78.00 Spur, projects N. E. descend.
- 80.00 Set a porphyry stone 14 x 6 x 6
ins. 10 ins. in the ground
for cor. of secs. 2, 3, 10 ^{and} 11
Marked with 5 notches on the
S. and 2 notches on the E edges.
From which an aspen 8 ins. in

Subdivision of T. 27 S., R. 5 W. continued.

Chain

diam. bears N. 24° E. 22 lbs. dist.
marked T. 27 S., R. 5 W. S. 2 B. G.
an aspen 4 ins. in diam. bears
S. 64° E. 28 lbs. dist. marked T. 27
S., R. 5 W. S. 11 B. G.
An aspen 3 ins. in diam. bears
S. 60° W. 34 lbs. dist. marked T. 27 S.
R. 5 W. S. 10 B. G.
An aspen 8 ins. in diam. bears
N. 25° W. 4 lbs. dist. marked T. 27 S.
R. 5 W. S. 3 B. G.
Land, mountainous
soil, stony 3^{rd} and 4^{th} rate,
heavy, pine and aspen timber.
Mountainous land 8000 acres

July 1st 1901.

At this Col. we set
off $23^{\circ}08' N.$ on decl. asc; and
at 4000 ft. mslmt. observe the
sun on the meridian - the
resulting lat. is $38^{\circ}29' N$

Nest on auxiliary base.
bet. sec. 3rd & 10.

Descend through heavy pine
and aspen timber.

6.25 Ravine 400 ft deep. drains
N. E. ascend

28.20 Wagon road Kimberly to Fish
Creek, bears S. E. and N. W.

33.10 Mine dump. 50 lbs. N. of
the mouth of tunnel. bear S. W.

40.00 Set a pine post 3 ft. long 3 ins
square 24 ins. in the ground
for $\frac{1}{4}$ sec. col. marked $\frac{1}{4}$ S. 3
on N. 10 on S. faces

From which a pine 2 ins.

Subdivision of 9.27 S., R. 5 N. continued.

Chains	
	in diam. bears N. 40° W. 13 lbs. dist. marked 1/4 S. 3. B. S.
	a pine 10 ins. in diam. bears S. 82° E. 34 lbs. dist. marked 1/4 S 10 B. S.
	Leave timber, bears N. ^{and} S.
53.50	Ridge, Mountain divide bet. mill ^{and} Fish Creek. bears N. 30° W. ^{and} S. 30° E. 9500 ft. above level, decined, Enters heavy aspen timber Bears N. ^{and} S.
66.00	Set a trachy tree 2 x 8 x 7. ins. 8 ins in the ground, for cor. of secs. 3, 4, 9 ^{and} 10. marked with 5 notches on the S. and 3 notches on the E edges.
80.00	Brown which an aspen 4 ins. in diam. bears N. 49° E. 10 lbs. dist. marked 9.27 S., R. 5 N. S. 3. B. S.
	An aspen 5 ins. in diam. bears S. 36° 30' E. 15 lbs. dist. marked 9.27 S., R. 5 N. S. 10 B. S.
	An aspen 3 ins. in diam. bears S. 50° W. 6 lbs. dist. marked 9.27 S., R. 5 N. S. 9 B. S.
	An aspen 4 ins. in diam. bears N. 62° W. 17 lbs. dist. marked 9.27 S. R. 5 N. S. 4 B. S.
	Land, mountainous soil, stony ^{4th rate} . Timber heavy Aspen ^{and} pine. Mountainous land ^{3rd} heavily timbered. 80.00 chs.

July 2nd 1901.

At 7 a. m. I. m. t., I set off
38° 29' W. on lat. acc.; 13° 06' N. on decl.
acc; and determine a true

Subdivision of T. 27 S., R. 5 E. continued.

Chains.

- meridian with the solar. at
the cor. of secs. 3, 4, 9 ^{and} 10.
Thence we run
West on Auxiliary base
bet. secs. 4 ^{and} 9.
- Descend through heavy
aspen timber, over rolling land,
Leave timber, bears N. ^{and} S.
Enter dense sage ^{and} oak
brush.
- 1475 Mining road bears N.E. ^{and} S.W.
3000 Ravine left deep. course S.W.
36.00 U.S. Geological Monument, "Belknap"
which ^{is} a stone cairn ^{atop of Mt. Belknap.}
13,250 ft. ^{above} sea level, bears S. 11° 36' E. 4 Mi. 21 ch.
- 4000 Set a limestone 18 x 8 x 6 ins.
in mound of stone ^{depth} for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S. 40 on N. 9 on S.
faces, raised a mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high.
N. of cor.
- Pits impracticable
- 48.00 Oregon road, Kimberly to
Fish Creek, bears N.E. ^{and} S.W.
Electric Power
- 59.00 Fire line, bears N.E. ^{and} S.W.
Set a teakite ¹⁰ x 8 x 7 ins.
10 ins. in the ground, for
cor. of secs. 4, 5, 8 ^{and} 9. marked
with 5 notches on the S. and
4 notches on the E. edges
raised a mound of stone 2 ft.
base, $1\frac{1}{2}$ ft. high N. of cor.
- Pits impracticable
- A pine 12 ins. in diam. bears
N. 23° 30' W. 78 lbs. dist. marked
T. 27 S., R. 5 W., S. 5 B. 9.
- A cedar 8 ins. in diam. bears
N. 53° E. 55 lbs. dist. marked

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Subdivisions of 927 S., R. 5 sp. continued.

chains

927 S., R. 5 sp. S. 4 B. 9

No other suitable bearing trees
within limits, 800 ft. below $\frac{1}{4}$ sec. cor.
Land, mountainous
Soil, stony $\frac{1}{4}$ acre.
Timber, pine and aspen.
Mountainous land 8000 chs.

July 2nd 1901.

At this cor. I've set
off 23° 0' n. on decl. arc; and
at 8 hump.m.t.m.b. observe the sun
on the meridian, the
resulting lat. is. 38° 29' n.

Spent on Auxiliary base.
bet. secs. 5^{and} 8.

Descend, through dense oak
and mahogany.

13.50

Hagon road,

bears N.W. $\frac{3}{4}$ S.E.

15.00

Fish creek 15 lbs wide 6 ins. deep,
Run water flows N.W. in
canon 150 ft. deep.

ascend, scattering pines.

36.00

Tree projects n. descend.

39.00

Enter to a very fine timber
area N. $\frac{3}{4}$ S.

40.00

Set a lime stone 18 x 13 x 3 ins
17 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 5° on. N,
8 on S. faces.

From which a pine 10 ins. in
diam. bears N. 89° sp. 15 lbs. disk.
marked $\frac{1}{4}$ S. 5 B.S.

A pine 10 ins. in diam.
Bears S. 84° E. 25 lbs. disk.

Subdivision of T. 27 S., R. 52 W. continued

Chains.	
	Marked $\frac{1}{4}$ S. 8. B. T.
54.00	Leave heavy pine, bear N. E. and S. W.
57.00	West fork of Fish Creek 6 lks wide pure water flows North. in canon 500 ft deep.
57.50	Old wagon road, bears N. E.
65.00	Spur ridge bears N. E. and S. W. descend. through heavy aspen timber bearing N. E. and S. W.
- 80.00	set a shale rock 14 x 14 x 4 ins. 10 ins. in the ground, for cor. of secs. 5, 6, 7 ²⁹ & 8, marked with 5 notches on the S. and E. edges. From which an aspen 8 ins. in diam. bears N. 24° E. 18 lks. dish. marked T. 27 S., R. 52 W., S. 5 B. T., an aspen 8 ins. in diam. bears S. 1° E. 33 lks. dish. marked T. 27 S., R. 52 W., S. 8 B. T. an aspen 10 ins. in diam. bears S. 57° W. 13 lks. dish. marked T. 27 S., R. 52 W., S. 7. B. T. an aspen 8 ins. in diam. bears N. 40° W. 28 lks. dish. marked T. 27 S., R. 52 W., S. 6 B. T. Land, mountainous Soil, stony ^{4 in. apart,} Timber, pine ^{and aspen} Mountainous land 80,000 chs.

Note:

On account of steep slide
rock, ridge and canon and
a continuation of the same
we are unable to proceed
further west with this line.

.

Subdivision of T. 27 S., R. 5 W., continued.

chains.

	From the cor. of secs. 1, 2, 11 and 12, set by us July 1 st , 1901. per run R. 5 W. bet. secs. 1 and 2.
35.00	Descend along west side of high mountain ridge over shale rock, through heavy pine timber.
40.00	Leave timber bear N. E. and N. Set a shale rock 20 x 14 x 6 ins. in ground of stone ^{with} for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 2 on N., 1 on E. faces raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable.
61.00	Enter heavy aspen bear N. W. and S. E.
74.00	Ravine 150 ft. deep. bear N. W. leave aspen timber
81.65	Intersect S. bdy. of T. 26 S., R. 4 $\frac{1}{2}$ W. 11.45 chs. N. of the cor. of secs. 31 and 32 ^{and} described. Set a quartzite stone 14 x 7 x 7 ins. 10 ins. in the ground. for closing cor. to secs. 1 and 2. marked C.C. on S. with 1 groove on the E. and 5 grooves on the N. faces, raised a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high S. of cor. Pits impracticable. Land, mountainous soil, stony, " ⁴ $\frac{1}{2}$ ins. plate. Timber, aspen and pine. Mountainous land 81.65 chs.

July 2nd, 1901.

DECEMBER 1901

Subdivision of T. 27 S., R. 5 W. continu.

Chains

July 3rd 1901.

At 7 a. m., l. m. t., spe set off $38^{\circ}29'N.$ on lat. arc, $73^{\circ}1'W.$ decl. arc; and determine a true meridian with the solar, at the cot. of sec. 1, 2, 11 ^{and} 12.

Thence spe run
S. $0^{\circ}0' E.$

Bet. secs. 11 ^{and} 12.

Descending over shale rock through heavy pine ^{and} aspen timber

- | | |
|---------|--|
| 5.50 | Ravine 500 ft. deep,
drains N. W. ascend. |
| 20.00 | Ridge, bears E. ^{and} N. |
| 40.00 | Shale porphyry stone $1.8 \times 9 \times 8$ ins.
12 ins. in the ground for $\frac{1}{4}$
sec. Cot. marked $\frac{1}{4}$ S. 11, on N.,
12 on E. faces.
From which an aspen 4 ins.
in diam. bears N. $87^{\circ}37'$. 10 lbs.
dist. marked $\frac{1}{4}$ S. 11, B.G. |
| | An aspen 5 ins. in diam. bears
N. $89^{\circ}E.$ 7 lbs dist. marked $\frac{1}{4}$ S.
12 B.G. |
| 45.00 | Head of ravine
drains $\frac{1}{4}$ S. through scattering timber, |
| 56.00 | Spit, projects N. E. |
| - 80.00 | Set a shale rock $1.8 \times 10 \times 3$ ins.
in mound of stone. for cot.
of sec. 11, 12, 13 ^{and} 14 marked
with 1 notch on the E. ^{and} 4 notches
on the S. edges. raised a mound
of stone 2 ft base. $1\frac{1}{2}$ ft high
of cot. Pits impracticable.
Land, mountainous
Soil stony 4 th late
Timber, aspen & pine. |

Subdivision of T. 27 S., R. 5 W. continued.

chain

Mountainous land 80,000 chs.

Note: On account of steep slide rock slopes, it is impossible to continue this line in any direction.

From the cot. of sec 2, 310^{and} 11
Set by me, July 1st, 1901.
The run.

N. 0° 1' W.

bet. secos. 2^{and} 3.

Descending through heavy pine and aspen timber.

17.00 Ravine 700 ft. deep
drains N.E. and spring branch
also provide, pure water
flows N.E.

24.00 Electric Power line.
bear S. 84° 48' E. above timber line E. exp.
37.50 Smoke stack on. Annie-
Laurie mining co's mill.
East 75 chs.

38.00 Spur, projects E. descend.
40.00 Set at porphyry stone 15x10x5
ins., 10 ins. in the ground
for 1/4 sec. cor. marked
1/4 S. 30° 17' 2 on E. faces,
raised a mound of stone
2 ft. base, 1 1/2 ft. high N. of cor.
It's impracticable

Kimball Post office
bear S. 84° 30' E, about 38 chs. dist.
Descend over steep slope
of ridge
and shale rock

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Subdivision of T. 27 S., R. 52 E. continued

- | Chains | |
|---------|---|
| - 81.65 | <p>Intersect S. bdy. of T. 26 S.
R. 52 E.</p> <p>13800' sp. of the cor. of T. 26 S.
R. 52 E. 4 1/2' and 5' sp. hecotope described
set a pauphey $\frac{1}{2} \times 8 \times 6$ ins. 8 ins.
in the ground for Closing
cor. to secs. 2 and 3
marked C.C. on S. with 2
grooves on the E. and 4 grooves
on the W. faces,
raised a mound of stone
2' ff. base, 1 1/2' ff. high S. of lot.
It's impracticable,
Land, mountainous, soil stony & erate.
Timber, ^{heavy pine and aspen,} Mountainous land, 81.65 chs.
July 3rd 1901.</p> <p>At the cor. of secs. 2, 3,
10 and 11. Sp. set off 3' 00" n on decl.
arc. and at 30° 45' from l.m.t. observe
the sun on the meridian
the resulting lat. is $38^{\circ} 29' 32''$</p> |
| 200 | Thence N.E. |
| 11.25 | S. 0° 01' E.
bet secs. 10 and 11.
ascending through heavy
Aspen and pine timber
Spur, projects N.E. descend.
wagon road |
| 17.90 | Kimberly to Fish Creek
bears N.E. and S.W.
Entertimber
Mainway to Jim Long
mine, mouth of tunnel
of 3. chs.
as cond. |
| 21.31 | Road
E. and W. |

1-200

54

Subdivision of 9.27 S., R. 5 1/2 W. continued.

Chains.

From the cot. of secs. 3, 4, 9^{and} 10
Set by U.S.

The run.

N. 0° 2' W.

bet. secs. 3^{and} 4.

Descent through heavy aspen
timber.

1.5.0 Spring branch in bottom of
limestone 200 ft. deep. 1 ft wide
course N. W. ascend.

3.0.0 Leave aspen timber,
bears E. ^{and} S. W. enters oak and
sage brush.

15.75 Rocky spur, projects N.
Electric Power line.

bears N. E. ^{and} S. W.

28.0.0 Wagon road Kimberley to Fish Creek,
bears E. ^{and} S. W.

34.0.0 Popofidge Mountain, N. E. ^{and} S. W. descend.

40.0.0 Set a blachyte stone 24x10x6 ins. 18 ins.
in the ground, for 1/4 sec. cot. marked
1/4 S. 4 on N. 3 on C. faces, raised
a mound of stone 2 ft. base
1 1/2 ft. high N. of cot.

Pits impracticable.

U.S. Mineral monument No. 1.
Gold mountain mining district,
bears S. 67° 33' E. 23.23 chs.

44.8.0 Head of ravine, course N. E. enters
dead fallen timber.

81.7.0 Intersect S. bdy. of 9.26 S., R. 5 1/2 13.95 chs.
N. of the Cot. of secs. 35^{and} 36. Heretofore described.
Set a blachyte stone 12x8x8 ins. 8 ins.
in the ground for closing Cot. of
secs. 3^{and} 4.

Marked C.C. on S. with 3
grooves on the C. ^{and} S. faces.
and raised a mound of

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Subdivision of S. 27 S., R. 52 W. continued.

Chains

stone, 2 ft. base, $1\frac{1}{2}$ ft. high
S. off cor.

It's impracticable.
From this cor the mill of
the Silver Mine bears S. $39^{\circ} E.$
about 40 chs. dist.

Land, mountainous

Soil, stony $3^{\circ} \text{ by } 10^{\circ}$ ft. apart.

Timber, aspen and pine.

Mountainous land, 81.70 chs.

July 3rd 1901.

July 5th, 1901.

At 7 a.m., l.m.t., I per
set off $38^{\circ} 29' N.$ on lat. acc; $125^{\circ} 1' N.$
on long. acc.; and determine a
true meridian with the solar,
at the cor. of secs. 9 $\frac{3}{4}$ & 10.

Hence I per run
S. $0^{\circ} 02' E.$

bet. secs. 9 $\frac{3}{4}$ & 10.

Over broken mountains,
sloping west, through heavy
aspen timber

Leave timber,

bear E. $8^{\circ} 30' W.$ enter dense sage.

40.00 set a trachyte stone $15 \times 9 \times 6$ ins.
10 ins. in the ground, for 1/4 sec.
cor. make S $45^{\circ} 9$ on sp. 10
on E. faces, and raised
a mound upstream 2 ft.
base, $1\frac{1}{2}$ ft. high N. of cor.
It's impracticable.

40.25 Spur, projects N.

49.00 Ravine, 300 ft. deep
course N. N.W.

61.00 Ridge, bears E. $8^{\circ} 30' W.$ descend.

(See p. 139)

Subdivisions of T. 27 S., R. 5 W. continued.

Chains

- From the cot.
of secr 10, 11, 14 ^{and} 15.
This impossible to extend
line East, on account of
steep slide rock.
Therefore the run
S. 0° 0' E.
bet. secr. 14 ^{and} 15.
Ascending over rolling
land, shale and slide
rock.
- 20.00 At foot of slide rock
mountain 250 ft. above
sec. cot.
Impossible to continue
line south.
Get a shale rock 18x10x8
ins. 12 ins. in. the ground
for witness cot. To $\frac{1}{4}$
sec. cot. marked ^{sp.}E.
 $\frac{1}{4}$ S. 15 on N. 14 on E. faces,
raised a mound of stone
12 ft. base, 1 $\frac{1}{2}$ ft. high
N. of cot.
Gets impracticable.
- 40.00 Falls on slide rock mountain
and cannot be set.
Land, mountainous
soil, stony
- ^{4th rate.}
- no timber.
Mountainous
land
- 40.00 chs.

Subdivision of S. 27, T. R. 5 N. continued.

Chainel,	(From p. 134)
40.00	Set a quartzite stone 18x10x6 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 10 on N. 11 on E. faces. From which a pine 12 ins. in diam. bears N. 86° E. 15 lbs. dist. marked 1/4 S. 11 B.T. A pine 16 ins. in diam. weighs 5.75 M. 21 lbs. dist. marked 1/4 S. 10 B.T.
43.00	Spring branch 7 lbs. wide 1 inch deep. pure water flows N.E.
60.50	Mill creek 4 lbs. wide 1 ft. deep. pure water flows N.E.
75.00	Leave timber bears E. 3° N. over shale rock.
- 80.00	Set a shale rock 26x8x6 ins. 18 ins. in the ground and mound of stone, for cor. of secs. 10, 11, 14 ^{and} 15. marked with 4 notches on the S. and 2 notches on the E. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of lot. Pits impracticable. Land, mountainous Soil, stony $\frac{4}{5}$ rate. Timber, heavy aspen and pine. Mountainous land ^{1nd} heavily timbered 80.00 cha.

11.25

Subdivision of D 27 S., R. 52 W. continued.

Chains	(From p. 186)
67.00	small spring 2 chs. N. flows S. W.
80.00	Set a trachyte stone 14 x 8 x 6 ins. 10 ins. in the ground for cos. of secs. 9, 10, 15 ^{and} 16. marked with 3 notches on the E. and 4 notches on the S. edges, raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor. Ops impracticable. Land mountainous soil, stony 3 rd and 4 th grade. Timber, aspen mountainous land ^{and} dense undergrowth 80.00 chs.

4000	East on a random line, bet. secos. 10 ^{and} 15 set traps. 1/4 sec. cor.
8002	Intersect N. ^{and} S. line at the cor. of secos. 10, 11, 14 ^{and} 15. Hence 2 p. run West on a true line bet. secos. 10 ^{and} 15. Descend over shale rock.
5.00	Ravine, course N.
26.00	Top of mountain ^{and} ridge leads N & S, 10,000. ft. above sea level, interdunal gullies descend.
40,01.	Set a trachyte stone 18 x 14 x 4 ins. 12 ins. in mound of stone ^{and} half foot 1/4 sec. cor. marked 1/4 S. 10 on N. 15 on S. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor. Ops impracticable

Subdivision of T. 27 S., R. 57 E. continued.

Chains.	
66.00	Ditch drains N.
- 80.00	The cor. of secs. 9, 10, 15 ^{and} 16. 1500 ft below ridge. Land, mountainous, Soil, stony ³⁻⁴ ^{inches} deep, No timber, Mountainous land 80.02 chs.

1.002' E.

Bet. secs. 15 ^{and} 16.

Ascending over rough mountain
land, through dense sage, pines
and oakbrush.

9.00	Enter heavy aspen timber ^{and} scattering pine bears. E ^{and} N. Ridge bears E ^{and} N.
38.00	Leave timber bears E ^{and} N.
40.00	Set a brachyte 16x12x6 ins. 11 ins. in the ground, fol 1/4 sec. cor. marked 1/4 S. 16 on N. 15 on E. face, placed a mound of stone at base, 1/4 pfs. high N. of cor. Pits impracticable
45.00	Enter heavy aspen timber bears E ^{and} N.
47.00	Tunnel of Trappers Pride Mining Co. 25 lbs ^{per} ft. Runs E.
69.40	Ridge bears E ^{and} N. Leave heavy timber, enter dense mountain laurel
- 80.00	Set a shale pack 16x10x4 ins. 11 ins. in the ground, fol. Cor. of secs 15, 16, 21 ^{and} 22. marked with 3 notches on the S. and E. edges.

Subdivision of T. 27 S., R. 5 W. continued.

Chains.

From which an aspen 3 ins.
in diam. bears N. 77° E. 40 lbs.
marked T. 27 S., R. 5 W. S. 15 B. & T.
An aspen 3 ins. in diam. bears
 $S. 61^{\circ} 20' E.$ 1.30 chs. dist. marked,
T. 27 S., R. 5 W. S. 22 B. & T.
A pine 8 ins. in diam. bears
 $S. 82^{\circ} 30' W.$ 43 lbs. dist. marked,
T. 27 S., R. 5 W. S. 21 B. & T.
An aspen 3 ins. in diam. bears
N. 70° W. 52 lbs. dist. marked
T. 27 S., R. 5 W. S. 16 B. & T.
Land, mountainous.
Soil, stony $3\frac{1}{2}$ to $4\frac{1}{2}$ plate.
Timber, pine ~~and~~ aspen.
Mountainous land, dense under-
growth 80.00 chs.

Cast on a random line
set sec. 15nd 22.

40.00

On slope of shale rock
ridge. Cannot proceed
east with this line
on account of slide
rock.

Set a shale rock $15 \times 10 \times 6$ ins
mins. in a mound off rock ^{bottom} earth,
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. 15 on N. 22 on S. faces.
raised a mound of stone,
2 ft. base, $\frac{1}{2}$ ft. high N. of lob.
Pits impracticable.
Hence 2 per run
3 feet

Set. sec. 15nd 22.

Descend over shale rock
through scattering dead
timber

Subdivision of T. 27 S., R. 5 W. continued

Chains
- 40.00 The cor. of secs. 15, 16, 21 ^{and} 22.
400 ft. below $\frac{1}{4}$ sec. cor.
Land, mountainous
soil, stony ^{4th rate}
Timber, dead pine, scattering
Mountainous land,
40.00 chs.

July ^{5th} 1901.

At this cor; we set off
 $22^{\circ}49'N.$ on decl. arc; and at
0 h.m.p.m.l.mt. observe, the sun
on the meridian the re-
sulting latitude is $38^{\circ}28'N.$

$S.0^{\circ}2'E.$
bet. secs. 21 ^{and} 22.
descending over shale rock
through scattering pine ^{and}
aspen ^{and} dense under growth
mountain laurel.

35.00 East fork of Fish Creek, 12 ft.
wide, 1 ft. deep. Pure water
flows N.W. in canon 2000 ft.
deep.

Ascend through dense growth
of young aspen.

40.00 Set a leacheter $20 \times 16 \times 8$ ins. 15 ins.
in earth mound of stone, for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4} S.21$ on N. 22 on
E. faces,

From which pine 10 ins. in
diam. bears $1.50^{\circ}N.$ 20 lbs disk
marked $\frac{1}{4} S.21$ B.T.

A pine 5 ins. in diam. bears
 $1.75^{\circ}E.$ 25 lbs disk marked
 $\frac{1}{4} S.21$ B.T. leave timber bears 64,
on East slope of high
mountain ridge.

Subdivision of T. 37 S., R. 5 W., continued.

Chains.

set a shale rock, 16 x 17 x 5 in. in mound of stone ^{with}, for cor. of secs. 21, 22, 27 ^{and} 28. marked with 3 notches on the E. and 2 notches on the S. edges.

Raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable Land, mountainous Soil, stone ^{4 drpt} timber, aspen ^{and} pine. Mountainous land

8000 chs.

Note:

On account of slide rock impossible to extend this line in any direction.

July 5th 1901.

July 1st 1901.

At 7 a.m., l. m.t. sp. set off $38^{\circ} 29' N.$ on lat. arc; $22^{\circ} 45'$ N. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 4, 5, 8 ^{and} 9.

Then ca sp. run

N. 0° 0' 31" W.

bet. secs. 4 ^{and} 5.

Ascend along the East side of Fish Creek Canon, through dense oak, scattering mahogany and pine.

Spur, projects N.

Leave mahogany ^{and} pine timber descend.

15.60

Subdivision of R. 27 S., R. 57 P. continued.

Chains.

- 26.00 Ravine, 200 ft. deep,
course S. W. ascend.
40.00 Set a trachyte stone 16 x 9 x 7 ins.
11 ins. in the ground, foot
 $\frac{1}{4}$ sec. cot. marked 44 S. 5° on
W. 4 on E. faces, raised a
mound of stone 2 ft.
base, $\frac{1}{2}$ ft. high S. of lot.
Lots impracticable.
77.00 Ridge spur projects N.
descend.
81.80 Intersect S. bdy. of R. 26 S.,
R. 57 P.
14.15 chs. N. of the cot. of
secs. 34 ^{and} 35. heretofore described.
Set a trachyte stone 15 x 10 x 5 ins.
10 ins. in the ground, foot
Closing cot. to secs. 4 ^{and} 5
marked C.C. on the S. with
4 grooves on the E. and 2
grooves on the W. faces.
raised a mound of stone
2 ft. base, $\frac{1}{2}$ ft. high S. of lot.
Lots impracticable.
Land mountainous.
soil, stony $\frac{3}{4}$ ^{and} $\frac{1}{4}$ ft. slate,
Timber, scattering Mahogany
^{and} pine
mountainous land 81.80 ch.

From the cot. of secs. 4, 5, 8 ^{and} 9

The run

$50^{\circ} 03' E.$

Dist. secs. 8 ^{and} 9.

Descend over broken land.

through dense oak ^{and} mahogany.

500 Electric Power line

Runs E. ^{and} W. ^{and} Power plant is

West about 10. chs.

Subdivision of T. 27 S., R. 52 W. continued.

Chains.

13.00	Electric Power plant flume, bears S.E. ^{and} N.W. begin precipitation descend
20.00	Spring branch: also wide in Ravine 150 ft. deep. flows N. W.
25.50	Rocky spur projects N.
28.00	Haggar road bears E. ^{and} N.W.
28.50	Fish Creek, 150 ft. wide precipitates flows N. W. in Canon 9000 ft. deep. ascend.
40.00	Set a lime stone 20 x 6 x 5 ins. 5 ins. ⁱⁿ earth and mound of stone for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 8 on. N. 9 on E. faces. raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high $\frac{1}{2}$ of cor. Pits impracticable. A pine 17 ins. in diam. bears E. 25 lbs. disk. marked $\frac{1}{4}$ S. 9. B.S. No other suitable bearing trees within proper limits.
78.00	Rocky spur projects E.
80.00	Set a trachyte ² x 6 x 10 x 6 ins. 11 ins. in the ground, for cor. of secos. S. 9, 16 ^{and} 17. marked with 4 notches on the S. and E. edges. raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high $\frac{1}{2}$ of cor. Pits impracticable. Land, mountainous soil, stony 4 th rate. Timber, scattering Mahogany ^{and} pine.

1. b.

Elevation 8,200

Subdivision of S. 27 S., R. 5 W. continued

Chains	Mountainous land	80.00 chs.
	July 6 th 1901. At this cor. I placed set off 22°43' N over decl. arc; and at 10:44 a.m. p.m., l.m.t. observed the sun on the meridian the resulting latitude is 38°29' N.	
40.00	East on a random line bet. secos. 9 th & 16 th . set temp. 1/4 sec. cor.	
80.14	Intersect N. ^{and} S. line 7 lbs. S. of the cor. of secos. 9 th , 10 th , 15 th ^{and} 16 th . Hence I place run	
	S. 89°57' N. on a true line bet. secos. 9 th & 16 th	
4.00	Descending through dense sage. Enter heavy aspen timber. Bears N. ^{and} S.	
9.00	Wagon road Bears N. W. ^{and} S. E.	
35.00	Leave timber bears N. & S. Enter heavy oak ^{and} sawie berry brush	
40.07	Set a trachyte stone 15 x 10 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 9 th on N. 16 on S. faces, raised a mound of stone 2 ft. base, 1/2 ft. high. N. of cor. Pits impracticable.	
64.50	Electric Power Co's flume, bears N. ^{and} S.	
67.30	Wagon road Bears N. ^{and} S.	

JULY 22.

Subdivision of T. 27 S., R. 5 W. continued.

chains	
69.50	Dish Creek, 20 lbs per cu. yd. 1 ft. deep. pure water flows N. in bottom of canon 2500 ft. deep.
80.14	Ascend The cot. of sec. 8, 9, 17 ^{and} 16 1000 ft. above bottom of canon. Land, mountainous Soil, stony $3\frac{1}{2}$ ^{and} $4\frac{1}{2}$ ins. pale. Timber, Aspen ^{and} pine. mountainous land ^{and} dense - undergrowth 80.14 chs.

	50° 0' 3" E. bet. secs. 16 ^{and} 17.
	Ascending over rough mountain land along the E. side of ridge through dense brush, mahogany ^{and} scattering pine.
40.00	Set a trachyte $6 \times 8 \times 4$ ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cot. marked $\frac{1}{4} S. 17^{\circ}$ and $N. 16^{\circ}$ on E. faces. raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cot. Bits impracticable.
	A pine 18 ins. in diam. bears N. 50° E. 35 lbs. disk. marked $\frac{1}{4} S. 17^{\circ}$ B. S. no other suitable trees within limits.
40.70	Foot of trachyte ledge 40 ft high on spur projects E.
57.00	Enter heavy Pine ^{and} aspen timber, bears S. E. ^{and} N. W. Sawmill in canon back about 12 chs.

Subdivision of 9.27 S., R. 5 N. continue

Chains

- 80.00 Set a conglomerate rock 14×10
 $\times 6$ ins. 10 lbs. in the ground
 for cot. of sec's 16, 17, 20^{and} 21,
 marked with 4 notches on
 the E. and 3 notches on the
 S. edges.

From which an aspen 3 ins. in
 diam. bears N. 27° E. 16 lbs. disk
 marked 9.27 S., R. 5 N. S. 16 B.G.

An aspen 6 ins. in diam. bears
 S. 53° E. 10 lbs. disk marked
 9.27 S., R. 5 N. S. 21 B.G.

An aspen 6 ins. bears
 S. 40° E. 9 lbs. disk marked 9.
 27 S., R. 5 N. S. 20 B.G.

An aspen 6 ins. in diam.
 bears N. 72° W. 13 lbs. disk
 marked 9.27 S., R. 5 N. S. 17 B.G.

Land mountainous
 Soil, stony ^{3rd and 4th rate,}

Timber, pine ^{and} aspen

Mountainous land,

Dense undergrowth 80.00 chs.

Cast on a random line

Sec. sec's 16^{and} 21.

100.00 set temp. 1/4 sec. cot.

80.12 Intersect N. 45° S. line at the
 Cot. of sec's 15, 16, 21^{and} 22.

Thick vegetation

Cast on a true line

Sec. sec's 16^{and} 21.

Descending through dense
 undergrowth and pine ^{and} aspen
 timber

37.00 East fork of Fish Creek - wide,
 pure water flows
 N. 74° in canon 2000 ft. dep.

Subdivision of T. 27 S., R. 5 E., continued.

Chains.

- 40.06 Ascend,
seta shale rock $30 \times 12 \times 6$ ins.
in a mound of stone, for
 $\frac{1}{4}$ sec. cot. marked $\frac{1}{4} S. 16$
on N. 21 on S. faces,
from which a pine 6 ins.
in diam. bears $N. 65^{\circ} W. 5$
15 lbs. dist. marked $\frac{1}{4} S. 16$ B. 9.
A pine 10 ins. in diam.
Bears $S. 50^{\circ} E. 15$ lbs. dist.
marked $\frac{1}{4} S. 21$ B. 9.
- 49.00 Spur projects N. descend.
Center fork of Fish Creek
- 71.00 15 lbs. wide flows N. in
Canon 2000 ft. deep.
ascend
- 80.12 The cot. of secs. 16, 17, 20^{and}
21. 1000 ft. above the
bottom of canon.
Land mountainous.
Soil, stony 40% slate.
Timber aspen ^{and} pine.
mountainous land 2d
heavily timbered 80. or ch..

$S. 0^{\circ} 03' E.$

Cot. secs. 20^{and} 21.

Ascend through heavy aspen
and pine timber.

- 16.00 Spur projects E.
Leave heavy timber, enter shale
Bears N. $W. 5^{\circ}$ S. E.
40.00 seta shale pack $14 \times 10 \times 4$ ins
15 ins. in earth ^{and} mound of stone
for $\frac{1}{4}$ sec. cot. marked $\frac{1}{4} S. 20$
on the N. 21 on E. faces,
raised a mound of stone
2 ft. base, $\frac{1}{2}$ ft. high. $2\frac{1}{2}$ ft. off lot.

Subdivision of P. 27 S., R. 52^E. continued.

Stans.

Fits impracticable
Impossible to proceed
further with this line
on account of slide rock.
Land, mountainous
Soil, stone ^{with} slate.
Timber, aspen ^{and} pine.
Mountainous land,
4000' abo.

Line betw. sect. 17^{3d} & 20 cannot
be extended from the
west on account of slide
rock. Therefore,

We begin at the Cpt. of
sects. 16, 17, 20 [&] 21.

West bet. sect. 17^{3d} & 20
ascend through heavy pine
and aspen.

- 9.00 Leave pines bears N. & S.
35.00 Tops of shale rock ridge
bear N. ^{3d} S. 500 ft. above sec. col.
Cannot continue line 21st
on account of slide rock.
Set a shale rock 16 x 11 x 3 in. in
main earth mound of rock. for
elevation. See Col. marked
W. S. 17 on N. 20 on S. faces,
raised a mound of stone 2 ft.
face, 11 ft. high. N. of Col.
fit, impracticable.
Follow on slide rock ^{W. 1/4 sec. col. cannot be set.}
Land, mountainous,
Soil, stony ^{with} slate, Timber, pine ^{and} aspen.
Mountainous land, 4000' abo.

July, 6th 1901

12

Subdivision of T. 27 S., R. 5 Tp. continued.

Chains.

July 7th 1901.

At 7 a.m., l. m. t., sp. set
off 38° 39' N. on lat. arc, 7° 22' 47" or
decl. arc; and determine a
true meridian with the
solar, at the cot. of sec., 5.6.
T^{43d} 8.

Then ce sp. run
N. 0° 03' W.
Dist. sec., 5^{43d} 6.

Ascend through the beams
aspen.

0.75 creek 3 lks. wide
pure water flows N.E. in
cañon 800 ft. deep.
Leave aspen, ascend
through dense mahogany
woak over shale rock.
Bear N. E. 45 S. 27^o.

17.00 Ridge, 800 ft. above. Desc.
Bear N. E. 45 S. 27^o. descend.

37.00 Cañon 800 ft. deep. Dist.
Spring branch 16 yds. wide, course N.E.
Ascend

Set a sand stone 15 x 18 inches,
10 ins. in the ground for 1st
sec. cot. marked 44 S. 6. 27^o
on E. faces.

From which a mahogany 2
ins. in diam. bear N. 53° E.,
55 lbs. dist. marked 44 S. 5. 27^o,
a mahogany 2 ins. in diam.
bear S. 13° 27^o, 15 lbs. dist. marked
44 S. 6. 27^o.

70.00 Spur ridge bears E. 22^o 27^o.
descend.

82.10 Intersect S. bdy. T. 26 S. R. 5 Tp.
1435 chs. 27^o off the cot. of
secs. 33 & 34. hatching described
seta trachys 2³/8 x 12 x 8 inches

Elev. 4,200

Subdivision of 1/27 S., R. 5 N. continued.

claims.	in the ground, zone closing Cot. for secs 5 & 6.
	marked C.C. on the S. with 5 grooves on the E. and 1 groove on the N. faces,
	raised a mound of stone 2 ft. base, 1 1/2 ft. high. S. of lot.
	Pits impracticable.
	Land, mountainous, Soil, stony ^{4th rate} Timber, aspen ^{and} mahogany. mountainous land, 87,10 acres.

	From the cot. of secs. 5, 6, 7 ^{and} 8, the run S. 0° 0' 3" E.
	bet. secs. 7 ^{and} 8.
	Ascending, through dense mahogany, scattering aspen and pine timber, on shale rock.
12.50	Sput, ridge bears N. E. ^{and} S. W. 800 ft above cot.
40.00	Set a shale rock, 16 x 10 x 6 ins. in a mound of stone for 1/4 sec. cor. marked 1/4 S. 7. On N. 8 on E. faces.
	From which a pine 10 in in diam bears E. 5-lets, marked 1/4 S. 8. B.T. a pine 2 ins. in diam. bears N. 8 lets, dist. marked 1/4 S. 7 B.T.
50.00	Ravine 600 ft below sput ridge, course N. E.
- 80.00	Set a shale rock 14 x 12 x 4 ins. in a mound of rock, marked with 4 notches on the S. and 5 notches on the E. edges. raised a mound of stone 2 ft. base, 1 1/2 ft high. S. of cot.

5

Subdivisions of T. 27 S., R. 5 W. continued.

Chains.	Pits impracticable. Land, mountainous. soil, stony. 4th rate. Timber, scattering mountainous land, 8000 chs.
---------	--

July 9th 1901.

At this cot. I placed
off $22^{\circ}37'N.$ on decl. adcl. and
at 10 oh 4. m. p. m., l. m. t., observed
the sun on the meridian
the resulting lat. is $38^{\circ}28'N.$

East on a random line
bet. sec. 8³ & 9¹.

set temp. 1/4 sec. cot.

Intersect N.³ S. line 16 lbs.
S. of the cot. of sec. 8, 9. 16^{Aug 17}

Hence the plan

S. $89^{\circ}53'W.$ on a true line
bet. sec. 8³ & 9¹

Ascend through dense
mahogany, scattering pine
timber, over shale rock.

Ridge 700 ft. above cot.

heads N.⁴⁵ S. Descend over
slide rock.

Set a shale rock, 15x9x8 ins.
10 ins. in the ground and
mound of rock, for 1/4 sec. cot.
marked 1/4 S. 8. on N. 1/4 on S.
face, raised a mound of stone
2 ft. base, 1 1/2 ft. high N. of lot.
Pits impracticable

West Fork of Fish Creek, 8 lbs.
wide, pure water flows
N. in canon 850 ft deep.
ascend S.

56.00

BOOK NO. 600

Subdivision of T. 27 S., R. 57 E. continued.

Chains	
- 80.30	<p>The col. of secs. 7, 8, 17 ^{and} 18. Land, mountainous. Soil, stony ^{4th} rate. Timber, mahogany ^{and} pine. Mountainous land, 80.30 chs. Note: On account of slide rock on steep slopes, it is impossible to continue further subdivision of this township. The land lying south of this survey is valueless for any purposes, therefore, discontinue further surveys.</p>

July 7th 1901.

General description.

This township is entirely mountainous, the soil is stony throughout and is 3rd ^{and} 4th rates.

A fair growth of pine and aspen timber, is found along the creeks and in the Northern ^{and} lower portions. The southern part is mostly above timber line and is a series of slide rock ridges, ^{and} canons, which join Mount Belknap ^{and} Baldy.

The elevation is from 8 to 12 thousand feet above sea level.

The township is well watered, no land is available for agricultural purposes although it is good grazing land, having been protected from sheep herds, by the miners, many of whom are prospecting this vicinity.

Many valuable mines have been located and some are being extensively worked.

55

Subdivisions of T. 27 S., R. 57 W. concluded.

The town of Kimberly is located near the center of Sec 2.

It has a store ^{and} post office, two hotels and about 12 dwelling houses.

George Wm Hogle, has left this part of the country.

From present indications we return Secs, 2, 3, 4, 9, 10, 11, 13, 15 ^{and} 16, as mineral bearing land, showing Gold, silver ^{and} other precious metals. U.S. Mineral Monument No. 1 Gold Mountain Mining District situated in Sec. 3.

Hubert D. Page,
Harry Corbin,
U.S. Deputy Surveyor.

There being no Notary public or other officer authorized to administer oaths, at the beginning or ending of the survey, in order to save time and expense; I administer the preliminary and final oaths my self.

Hubert D. Page
U.S. Deputy Surveyor.

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PAGE

57

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

for final official record 1901
for final official record 1901

, Chainman.
, Chainman.
, Moundman.
, Moundman.
, Axman.
, Axman.
, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____
meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

for final official record 1901
for final official record 1901

, Chainman.
, Chainman.
, Moundman.
, Moundman.
, Axman.
, Axman.
, Axman.
, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



100

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the day of _____, 189 _____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

True copy of the original field notes
for the survey of the subdivision of Township
of Salt Lake City, February 11, 1893, 189
and Meridian, Utah.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }

000000
0 SEAL 0
000000

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, February 11, 1893, 189
The foregoing field notes of the survey of the subdivision of Township
of Salt Lake City, 5 Miles N. of the Clark Lake Road
and Meridian, Utah.

executed by *Robert Dugay & Harry Evans*
under his contract No. *232*, dated *February 11, 1893, 189*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward M. Gandy
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____ has been correctly copied from the original notes on file in this office.

United States Surveyor General.

BOOK A-285

FIELD NOTES

OF THE SURVEY OF THE

Ditch
 Standard Parallel South
 through
 Range No. 4 $\frac{1}{2}$, 5 $\frac{3}{4}$ 6 West.

of the Salt Lake base and Meridian,
 In the state of Utah.

AS SURVEYED BY

Juliet D. Page and Harry Erwin, United States Deputy Surveyor,
 Under his Contract No. 737, dated November 24th, 1899

Survey commenced October 5th 1900, 1899

Survey completed November 3rd 1900., 1899

6-161

	M. S. I. S.	S. T. S. I. S.
Standard 4 $\frac{1}{2}$ m. high	5-60-85 ✓	5-78-13
" " low	17-98 ✓	
" 5 m. high	6-00-76 ✓	
" 6 m. "	1-00-00 ✓	

12.61 61

NAME AND DUTIES OF ASSISTANTS.

Orson M. Allred, Chairman

Harvey D. Frist. "

Herbert Price "

Newark S. Dawson "

Henry John Mackey mound man,

Joseph A. Lott "

Henry John Mackey axman

Joseph A. Lott "

Orson Allred, flag man

6-161

Volume

#

R0285

DRAFT A. 35

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, Everett Miller, Harvey East, and Herbert Price, Frank S. Davis

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

of the Standard Parallel South through R. 41th S. 3rd W. of the Salt Lake base and Meridian, in the state of Utah. Orson M. Allred Harvey East, Chainm.

Herbert Price

Frank S. Davis, Chainm.

Subscribed and sworn to before me this 3rd

day of October 1860 }



WE, Henry John Mackey and Joseph A. Satt

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

of the Standard Parallel South through R. 41th S. 3rd W. of the Salt Lake base and Meridian, in the state of Utah.

Henry John Mackey, Moundm.
Joseph A. Satt, Moundm.

Subscribed and sworn to before me this 3rd

day of October 1860 }



WE, Henry John Mackey and Joseph A. Satt

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co.

and other duties, according to instructions given us, to the best of our skill and ability, in the survey

of the Standard Parallel South through R. 41th S. 3rd W. of the Salt Lake base and Meridian, in the state of Utah.

Henry John Mackey, Ax.
Joseph A. Satt, Ax.

Subscribed and sworn to before me this 3rd

day of October 1860 }



Orson M. Allred

, do solemnly swear that I will well and t.
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
the survey of the Standard Parallel South through R. 41th S. 3rd W. of the Salt Lake base and Meridian, in the state of Utah.

Orson M. Allred, Flagm.

Subscribed and sworn to before me this 8th

day of October 1860 }



Herbert D. Page,
U.S. Deputy Surveyor

Survey of the
Fifth Standard Parallel South, through R. 4 $\frac{1}{2}$ N.

Survey commenced

October 5th 1900.

and executed with a light
mountain transit with solar
attachment No. made by
H. and A. E. Gursay.

The horizontal limb is provided
with two opposite verniers,
reading to 1 minute of arc,
which is also the least count
of the verniers of the latitude
and declination arcs.

We begin at the Standard
cot. of S. 25 S., R. 4 $\frac{1}{2}$ N.
Latitude 38° 35' N. Long. 112° 19' W.
which is a sand stone.
13x6x6 ins. above ground, firmly
set and marked
as described by the
Surveyor General.

In order to test the solar
apparatus, by comparing the
results of observations on the
sun, made during a. m. and
p. m. hours, with a true meridian,
determined by observation on
Polaris, we proceed as follows:
At 4 p. m. l. m. t., we set off 38° 35'
Nor. lat. acc. 4° 48' S. on decl. arc;
and mark the true meridian
thus determined with the solar,
by a cross on a stone firmly
set in the ground 5 Chs. N.
of the instrument.

October, 6th 1900

At 8 h 25 m. a.m. l. m. t. we
observe Polaris at Upper Culmina-
tion, in accordance with
instructions in the Manual.

5th Standard Parallel south through R⁴⁴/r N. Continu

The line thus determined falls on the cross marked on the stone set by solar observation
October 6th

At 8 a.m. l.m.t., the sun off $38^{\circ}35'$.
Now lat. arc: $5^{\circ}04' S.$ on decl. arc
and determine a true meridian with the solar.

The line thus determined falls on the cross established by the p.m. solar and Polaris observations.

The polar apparatus, by p.m.
and a.m. observations defines position for true meridian at same point as by Polaris observation. Therefore, we conclude the instrument is in adjustment.

The magnetic bearing of the true meridian, at 7.30 a.m. is N. $16^{\circ}45' 7''$. The angle thus determined, reduced by the table, page 100, gives the mean. mag. decl. $16^{\circ}42' E$.

From the standard cot.
Already described

The sun

First on a blank line.

On the 5th Standard Parallel South and with two sets of chainmen
at 14.00 hrs. after diligent search no trace of the old standard 1/4 sec. cot. can be found
8.000 chs. after diligent search no trace of the old standard sec. cot. can be found.
17.00 hrs. after diligent search no trace of the old

Standard Parallel South, through R. 4th N. continued.

Standard 1/4 sec. cor. can be found. and at 156.34 chs. we find the old standard sec. cor. to sec. 34 ^{and} 35. N. 358 chs. dist. which is a lava 18 x 10 x 6 ins. in a mound of stone. marked

as described by the Surveyor General.

The course of this line is therefore N. 88° 43' W. dist. 156.38 chs.

We continue our placement from the above cor. at 141.35 chs. We find the old standard 1/4 sec. cor. S. 34 lbs. dist. which is a lava in a mound of stone, marked as described by the Surveyor General.

The course of this line is therefore S. 89° 32' W.

Hence we run 27 feet and at 39.07 chs. S. 246 chs. dist. we find the standard cor. of sec. 33 ^{and} 34. which is a lava 14 x 11 x 12 ins. above ground, firmly set and marked as described by the surveyor general.

The course of this line is therefore S. 86° 24' W. dist. 39.15 chs.

Hence we run 28 chs.

5th Standard Parallel South, through R. 4 $\frac{1}{2}$ & 5 $\frac{1}{2}$. Continue

and at 40,000 chs. after diligent search no trace of the old $\frac{1}{4}$ sec. cor. can be found, and at 80,000 chs. we find a mound of stone, recognized as the standard cor. of sec. 32nd 33.

Thence we continue our retreatment.

40,000 chs. no trace of old standard $\frac{1}{4}$ sec. cor. can be found, and at 81,70 chs. we find the standard cor. of secs. 31st 32 which is a lava $15 \times 12 \times 1$ min. laying on the ground. Marked as described by the Surveyor General.

Thence we continue our retreatment.

40,000 chs. after diligent search no trace of old Standard $\frac{1}{4}$ sec. cor. can be found.

80,75 chs. we find the standard cor. of T. 25th, R. 4 $\frac{1}{2}$ & 5 $\frac{1}{2}$ which is a lava in a mound of stone, marked as described by the Surveyor General.

Finding many of the cor. missing and partially obliterated, and the Tp. N. having been subdivided, we resume the Fifth Standard Parallel South through Range 4 $\frac{1}{2}$ & 5 $\frac{1}{2}$ as follows.

J. J. H. 1888

Standard Parallel Survey, through R. 4 $\frac{1}{2}$ N. continued.

Chains.

October 7th, 1900.

At 8 a.m. l.m.t., we set off $38^{\circ}35'N.$ on lat. arc; $5^{\circ}37' S.$ on decl. arc; and determine a true meridian with the solar, at the standard cot. of $725S.$, R $4\frac{1}{2}$ sec. 4 N.
Previously described.

Then we run
N. $88^{\circ}43'W.$

Along the 5th Standard Parallel
South of the S. bdy. of sec. 36.

Ascending over broken
foot hills, through scattering
Cedar and pinion.

37.50 Ridge 500 ft above
cot. line and N.E. and S.W.
descend.

Difference between measure-
ments of $39.09\frac{1}{2}$ chs.; by two
sets of chain men, is 4 lbs.;
position of middle point
By 1st set $39.07\frac{1}{2}$ chs.

By 2nd set $39.11\frac{1}{2}$ chs.; the mean
of which is.

39.09 $\frac{1}{2}$ Not trace of old standard place. cot. can be found.
Set a trachyte $6 \times 8 \times 6$ ins. 11 ins.
in the ground for re-established
standard pt. sec. cot.

Marked S.C. 1/4 S. 36 on N. face
raised a mound of stone 2 ft.
base, 1 1/2 ft high N. of cot.
Pits impracticable

44.50 Spur projects N.E.

59.50 Spur projects N.E.

Difference between measure-
ments of 78.19 chs. by two sets
of chain men is 8 lbs.;
position of middle point

5th Standard Parallel South through R. 44th N. Cont.

chains

- 78.19

By 1st set 78.13 chs.
By 2nd set 78.15 chs. the mean
of which is.
Notice of old standard sec. col. can be found.
Set at each tip 18 x 8 x 8 pms 17 lbs.
in the ground, for re-established
standard sec. col. of secs. 35 & 36
marked
S.C. on N. with 5 grooves on the
N. and 1 groove on the E. faces.
Raised a mound of stone 2 ft.
base, 1 $\frac{1}{2}$ ft. high, N. of col.
Pits impracticable.
Sand, mountainous
Soil, stony clay 11 $\frac{1}{2}$ rate.
Timber, scattering cedar & pinon
mountainous land
7819 chs.

N. 88°13' W.
on Ndy. sec. 35,

Descending over broken
foot hills, through scattering
cedar & pinon

10.50 Ravine 300 ft. deep.
Course N.

27.00 Spur projects N.
Ravine 200 ft. deep.

Course N. 78°W.

Difference between measurements
of 39.09 $\frac{1}{2}$ chs.; by two sets of
chainmen, is 6 lbs; position
of middle point

By 1st set 39.17 $\frac{1}{2}$ chs.

By 2nd set 39.06 $\frac{1}{2}$ chs. the
mean of which is.

39.09 $\frac{1}{2}$ Notice of old standard sec. col. can be found
Set at each tip stones 14 x 8 x 6 ins.

Standard Parallel South through R. 41 $\frac{1}{2}$ N. continued.

chains,	10 ins. in the ground, for re-established standard sec. cot. marked S.C. 14 S. 35 on N. face. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cot. Ridge impracticable
59.20	Wood road Bear N. 3 $\frac{1}{2}$ S.
61.00	Ridge bears N. 3 $\frac{1}{2}$ S. Difference between measurements of 78.19 chs., by two sets of chain- men is 4 chs.; position of middle point By 1 st set 78.21 chs.
78.19	By 2 nd set 78.17 chs.; the mean of which is The standard cot. of secs. 34 & 35 Previously described, raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cot. Ridge impracticable. Land, mountainous, Soil, stony 40 plates, Timber cedar ^{and} pinion Mountainous land 78.19 chs.
31.50	S. 89° 37' W. on S. bdy. of sec. 34. Descending through dense alders, dry sun drains N.
40.20	Wood road Bears N. 3 $\frac{1}{2}$ S. No difference between measure- ment of 41.35 chs. by two sets of chain men

5th Standard Parallel south through R. 4 1/2 N.P. continued

chains.	
41.35	The standard 1/4 sec. cor. Previously described raised a mound of stone 2 ft. base 1/4 ft. high N. of cor. Pits impracticable Hence the run $186^{\circ} 24' 27''$
47.85	Pole fence. Bear N.W. and S.E. John Water's log house bears S. 38 chs. dist. Enter cultivated field Bears N.W. and S.E.
44.85	Dry wash drains N.
53.35	Hire fence leave cultivated land. Bear N. 6° E. and S. 6° W.
55.35	Dry run drains N.
64.35	Enter scattering cedar and juniper.
69.35	Spur, projects N.
70.35	Ravine 100 ft deep course N. ascend.
79.85	Top of ridge Bears N. 25° E.
	No difference in measure ment of 80.50 chs. by two sets of chain men.
80.50	The standard cor. to secs 33 & 34. Previously described. raised a mound of stone 2 ft. base, 1/4 ft. high N. of cor. Pits impracticable Sand, falling soil stones 3 rd rate Timber, scattering cedar and juniper. Dense undergrowth 6.9 x chs. falling 10.58 "

Survey of the
Standard Parallel South through R. 44 $\frac{1}{2}$ N. continued.

Chains	October 7 th
	At this cot. sp. set off 5' 32" S on decl. arc; and at 11h 48m a.m., l. m. t., observe the sun on the meridian the resulting lat. is 38° 35' N.

Yest

On S. bdy. of sec. 33.

Descend over broken foot
hills, through dense sage
and scattering cedar and
pinion

3,600 brush fence bears N³⁰E.
Mill creek 5 lks. wide 5 ins.

17.75 deep. pure water flows
N. in canon 15' fr deep.

Leave timber and sage
Enter Cultivated field
bears N³⁰E.

19.00 Irrigation ditch
course N.

19.10 Stake and ridge fence
leave cultivated field
bears N³⁰E.

19.70 Stage road to Gold Mountain
at 80 Lewis Station
bears N³⁰E.

20.00 Foot of perpendicular cliffs.
40 ft high sand stone
bears N³⁰E.

29.00 Ridge 300 ft above creek
bears N³⁰E.

Difference between measure-
ments of 4000 chs. by two sets
of chain men is 6 chs.;

Position of middle point
By 1st set 40.03 chs.

By 2nd set 39.97 chs.; the

50th Standard Parallel with through R. 4^{1/2} N. continued

	mean of which is.
40.00	After diligent search no trace of old Standard 1/4 sec. cor. can be found. Set a trachyte $10 \times 10 \times 6$ ins. 7 ins. in the ground for re-established standard 1/4 sec. cor. marked S.C. 1/4 S. 33. or N. face, Raised a mound of stone 2 ft base 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable.
61.00	Ravine 200 ft deep course N. Difference between measurements of 80.00 chs. by two sets of chain meas. is 10 lbs. Position of middle point: By 1 st set 80.05 chs. By 2 nd set 79.95 chs.; the mean of which is.
80.00 $\frac{1.6\%}{1.1}$	The old mound. Set a trachyte $10 \times 10 \times 6$ ins. 7 ins. in the ground for re-established standard cor. of sec 37 $\frac{3}{4}$ 33, marked S.C. or N. with 4 grooves on the E. and 2 grooves on the W. faces. Raised a mound of stone 2 ft base, 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable. A pinion pine 8 ins. in diam bears in 89° N. 10 lbs. disk. marked T. 25 S. R. 4 $\frac{1}{2}$ N. S. 32 B.G. No other trees within limits.

Standard丈量ed South, through River of continued.

chains.

	Land, mountainous Soil stony and loam Pines, cedar & pinyon Mountainous land. Cult. land.	1st 343 acs. 73.60 chs. 74.0 chs.
--	---	---

West

on S. bdy. of sec. 37.

Accordingly over broken hills,
through scattering cedar and
pinyon.

10.50 Ravine 20' off deep
Course N. E.

10.50 Rocky ledges (broken)
bear N. E.

20.00 Clave ledges
bear N. W. E.

Difference between measure-
ment of 110.60 chs. by two
sets of chain men is. 8 ft.
position of midddle point
By 1st set 110.64 chs.

By 2d set 110.56 chs. the mean
of which is.

After diligent search no
trace of the old standard 1st
sec. cor. can be found
Set a trachy tile 6 x 10 x 11 ins.
11 ins. in the ground for
re-established standard 1st sec.
cor. marked S.C. 14 S. 37 ord N.
face, raised a mound of
stone 2 ft. base, 1 ft. high
N. of cor.

Pits impracticable
spur, projects N.E.

44.50

Resurvey of the

5th Standard Parallel south through R. 47th W. continued

Chains

70.00

Top of high Mountain
and ridge, bears N.W. and S.E.
1000ft above sec. cot. descend.

Difference between measurement of 81.20 chs. by two sets of chain men is 12 chs
position of middle point

By 1st set 81.26 chs.

By 2nd set 81.14 chs. the mean of which is .

81.20

The old standard cot. laying loose on the ground, reset lava $\frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ins. 10 ins in the ground, for re-established standard cot. of secs. 31^{and} 32.
Marked S.C. on N. with 5 grooves on the E. and 1 groove on the N. faces.
raised a mound of stone 2 ft base, 1 $\frac{1}{2}$ ft high N. of cot.

It's impracticable

Land mountainous

Soil, stony ⁴ inches

Pine, cedar ^{and} pinion

Mountainous land 81.20 chs.

Nest

on S. bdy. of sec. 31.

Descending

through scattering cedar ^{and} pinion and dense artemesia

Difference between measurement of 40.37 $\frac{1}{4}$ chs. by two sets of chainmen is 6 chs. position of middle point

By 1st set 40.34 $\frac{1}{4}$ chs.

By 2nd set 40.40 $\frac{1}{4}$ chs. the

standard Parallel South, through R. 4 $\frac{1}{2}$ N. continued.

chains

40.375

mean of which is.

After diligent search no trace of the old standard 1/4 sec. cos. can be found. Set a trachyte $\frac{3}{4} \times 2 \times 8$ ins. 10 ins. in the ground for 1/4 established standard 1/4 sec. cos. marked S.C. 1/4 S. 31. on N. face, raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high, N. of cos.

Pits impracticable.

50.50

Ridge bears

N.E. $\frac{1}{2}$ S. 2 $\frac{1}{2}$

69.75

Ravine 100 ft. deep.

Course N.

71.75

S. put

projects N.

Difference between measurements of 80.75 chs. by two sets of chain men is 10 chs. position of middle point.

By 1st set 80.70 chs.

By 2nd set 80.80 chs. The mean of which is.

80.75

The old standard cos. of

R. 25 S. R. 4 $\frac{1}{2}$ N. 45 W.

Irebuilt a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cos.

Pits impracticable

Land, mountainous

soil, stony 3 $\frac{1}{2}$ pace.

Timber, scattering cedar and

pinion

Mountainous land and

dense undergrowth

80.75 chs.

October 9th. 1900.

Federal Law

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PAGE

ith Standard Parallel South, through R. 52^o.

October 17th, 1900

At 7 a.m., l.m.t., we set off
38°35' N. on lat. arc: 9°8' S. 66°
on decl. arc: and determine
a true meridian with the
solar, at the standard cor.
of D 25 S., R 14⁴⁷ M 57 F.

Previously described.

We run West
On a blank line

On the 5th Standard Parallel South,
and with two sets of chain-
men.

At 110.00 chs. after diligent
search no trace of the
old standard sec. cor. can
be found,

80.60 chs. no trace of the old
standard cor. can be
found

170.00 chs. No trace of the
old standard sec. cor. can
be found.

and at 159.18 chs. S. 5.7° chs. dist.
We find the standard cor.
of Secs. 3 & 135,

which is a teacher's desk 6 x 10 x 8 ins.
firmly set.

Marked as described by the
Surveyor General.

The course of this line is there-
fore S. 87.54' F. and the distance
159.28 chs.

Hence

We continue our proce-
ment

West

Resurvey of the

5th Standard Parallel South, through R. 57th, continued.

and at 40.73 chs. N. 15 lbs. dish.
We find the old standard $\frac{1}{4}$ sec. cor.

which is a trachyte $6 \times 12 \times 10$
ins. in a mound of stone
marked as described by the
Surveyor General.

The course of this line is
therefore $N.89^{\circ}47'N$.

Thence we continue our
retrace-ment

West.

and at 41.28 chs. N. 36 lbs. dish.
We find the old standard sec.
Cor. of secs. 33rd & 34.

which is a trachyte stone
in mound of stone.
marked and witnessed as de-
scribed by the Surveyor General
The course of this line is there-
fore $N.89^{\circ}36'N$.

Thence we continue our retrace-
ment.

West

40,000 chs. no trace of the old
Standard $\frac{1}{4}$ sec. cor. can be
found.

18,000 chs. after diligent search
no trace of the old standard
sec. cor. can be found
17,000 chs. no trace of the old
standard $\frac{1}{4}$ sec. cor. can be
found.

and at 159.72 chs.

We find the old standard cor.
of secs. 31th & 32

which is a trachyte stone
laying loose on the ground

Standard Parallel South through R. 57^W. continued.

marked as described by the Surveyor General.

Thence N^E continue our retracement
west.

10000 chs. after diligent search
no trace of the old standard
14 per cent. cor. can be found,
and at 80.75 chs. we find the
old standard cor. of 1.25 S.,
R 57^W S. 35 lbs. dist.

which is a trachyte stone
16 x 10 x 8 ins. firmly set and marked
as described by the Surveyor
General.

The course of this line is there-
fore S. 89° 13' N.

Finding that many of the cor.
are missing and partially
destroyed, and that the Tp. N.
has been subdivided,

The resurvey the
Fifth Standard Parallel
South through Range
57^W.

as follows:

October 18th 1900.

At 7 a.m., l.m.t.,
we set off 38° 35' N. on lat.
arc: 929 S. on decl. arc, and
determine a true meridian
with the sextant,

At the Standard cor. of
Tp. 25 S., R. 57^W 57^W.

5th Standard Parallel South, through R. 5 N. continued.

Chains.

- Thence we run
S. 87° 57' 41" along the 5th Standard Parallel South
and the S. bdy. of sec. 36.
Descending over rolling land
through dense artemisa and
scattering cedar ^{and} pinon.
- 18.50 Basen
drain N.
Difference between measurements
of 39.82 chs. by two sets of chainmen, is 4 lks.
Position of middle point
By 1st set 39.84 chs.
By 2nd set 39.80 chs. the
mean of which is.
- 39.82 After diligent search no
place of the old standard $\frac{1}{4}$
sec. cor. can be found.
Set a trachyte tablet $15 \times 10 \times 5$ ins
10 ins. in the ground for
re-established standard $\frac{1}{4}$
sec. cor. marked S.C. $\frac{1}{4}$ S. 36
on N. face, raised a
mound of stone 2 ft. base,
11 $\frac{1}{2}$ ft. high N. of cor.
Ruts impracticable.
- 114.00 Top of mtn.
descend
- 63.0. Top of broken trachyte
ridges and cliffs
near N. C. and S. P.
- Difference between measure-
ments of 79.64 chs. by two sets
of chain men is. 8 lks.
Position of middle point
By 1st set 79.60 chs.
By 2nd set 79.68 chs. the mean
of which is.

Survey Line

N-205

Standard Parallel south through R. 57^W, continued.

Chains

79.64

After diligent search no
trace of the old standard
sec. cor. can't be found.
set a trachy tie $6 \times 10 \times 4$ ins. long.
in a mound of stone ^{and earth} for re-established standard
cor. of secs. 35^{SW} & 36.

Marked S.C. on N. with
5 grooves on the W. and
1 groove on the E. faces.
Raised a mound of stone
2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

Pits impracticable
Land mountainous.

Soil, stony 3rd and 4th lot.

Timber, scattering cedar and pinion

Mountainous land 5th

Descending south 79.64 chs.

S. 89° 57' N.

Along the 5th Standard Parallel
south and the S. bdy. of secs.
35.

Descending over broken
ledges through scattering cedar
and pinion.

1650

Fish Creek, 20 lbs. wide, 4 ins.
deep, pure water flows
N.E. in canon 150 ft.
deep. ascend.

1700

Wagon road
bearing N.E. and S.W.

Difference between measure -
miles of 39.82 chs. by two sets of chains is 8 chs.
position of middle point
By 1st set. 39.86 chs.
By 2nd set 39.78 chs.

5th Standard Parallel South, through R. 57th, contains

Chains

39.82

The mean of which is
After diligent search no
trace of the old standard
1/4 sec. cor. can be found,
set a trachyte $\frac{1}{4} \times 10 \times 14$ ins.
10 ins. in the ground stone ^{marked}
for re-established standard
 $\frac{1}{4}$ sec. cor. marked S.C. $\frac{1}{4}$ S.
35 on N. face,
raised a mound of stone
2 ft base, $\frac{1}{4}$ ft. high N. of cor.
Pits impracticable

51.00

Top of ledges 120 off above
creek. Leave N. E. and S. W.

52.50

Top of mountain ridge
Leave N. W. and S. E. descend.

61.00

Leave ledges, bias N.W. and S.E.

72.50

Dry run. drains S.

Difference between measurements of
79.64 chs. by two sets of chainmen, is 1.6 chs.
Position in a middle point

By 1st set, 79.42 chs.

By 2nd set 79.58 chs.; the
mean of which is.

- 79.64

The old stand and cor. of sec.
 $34^{\text{and}} 35.$

Previously described.

The rebuilt mound of stone 2 ft.
base $\frac{1}{4}$ ft. high N. of cor.

Pits impracticable

Sand, mountainous

Soil, stony

Timber, & scattering cedar ^{4th rate} and pinion,
mountainous land,

79.64 chs.

N. 89° 47' W.

On 15th Standard Parallel South.

Mid N. 6 deg. off sec. 34

Standard Parallel South, through R. 57. Continued.

chains.

Descend
through dense altemosa,
scattering cedar ^{and} juniper.

Difference between measure-
ments of 40.23 chs. by two
sets of chain, now is 4.46 chs.
position of middle point

By 1st set, 40.71 chs.

By 2nd set 40.75 chs.; the mean
of which is

40.73
The old standard 11 sec. est.
Previously described.

The rebuilt mound of stone 2 ft.
base 1 1/2 ft. high N. of cor.
Pits impracticable. Hence
S. 89° 36' 34".

56.00 Wagon road
leads N. 70° 27' E. S. 70° E.

66.00 Wagon road
leads N. 2° E.

Difference between measure-
ments of 81.57 chs. by two sets
of chain now is 6.1 chs.
position of middle point

By 1st set 81.48 chs.

By 2nd set 81.54 chs., the mean
of which is

81.51 The old standard cor. of sec.
33° 43' 44".

Previously described.

Land rolling

Soil, stony 72° 46' 33" of ratio.

Timber, scattering cedar ^{and} juniper

Dense undergrowth

Oct 18th 81.57 chs.

At this cor. we set off
939 ft. on deck arc; and at 11.45 a.m., l.m.t., observe the sun at

5th Standard Parallel south through R. 5 N. cont'd.

Chains

the meridian, the resulting lat.
is 38° 35' N.

West

On the 5th Standard Parallel south
and S. bdy. of sec. 33.

Descending through dense sage.

6.00 Old wagon road, Enter scattering cedar
bears N. ^{and} S. W.

17.00 Bush fence bears N. ^{and} S.

18.50 Sand stone ledges, 15 ft. high
bear N.E. & S.W.

24.00 Shingle creek 10 lbs wide 4 ins. deep.
pure water flows N.E. in
cañon 100 ft. deep. ascnd

28.00 Brush fence

bears N. E. ^{and} S. W.

Difference between measure-
ments of 39.93 chs. by two sets
of chain men is 4 lbs position
of middle point

By 1st set 39.91 chs.

By 2nd set 39.95 chs. the mean
of which is

39.93 After diligent search no trace
of the old standard 1/4 sec. col.
can be found

Set a blacky ^{slab} 8 x 8 x 6 ins. in
a mound of stone, for re-
established standard 1/4 sec. col.
marked S.C. 1/4 S. 33 on N. face
raised a mound of stones 2 ft.
base 1 ft. high. N. of col.

It is impracticable

Spring branch 2 lbs wide
in Ravine 150 ft. deep.

course S. 80° E.

Leave jointed ascnd

Survey of the ~~area~~ 1860

Standard Parallel South through R. 57th. continued.

chains.

Enter dense oak and attinosa
brush.

Difference between measure-
ments of 79.86 chs. by two sets
of chain men is 10 chs.

Position of middle point to
By 1st set 79.91 chs.

By 2nd set 79.81 chs. the mean
of which is.

79.86 After diligent search no trace
of the old standard sec. cor can
be found.

Set a brachytile ^{std} 4 x 12 x 5 ins. 18
ins in the ground ^{std} mound of stone.
for re-established cor. of sec.
37 ^{and} 33.

Marked S.C. on N. with 4
grooves on the E. and 2 grooves
on the W. faces. raised to
mound of stone 2 ft. base,
1 1/2 ft. high, N. of cor.

Very impracticable
Land, mountainous

Soil, stony 3rd rate.

Rock, scattering

Mountainous land

Dense undergrowth 79.86 chs.

West

On 5th standard Parallel South.

ang. bdy. Sec. 37.

Ascending, through dense
attinosa and oak brush.

High knole 1200 ft above creek

Ridge bears N. S. ^{and} S. descends.

Head of ravine course N. ascends.

Difference between measure-
ments of 39.93 chs. by two sets

19.00

30.00

5th Standard Parallel south through R. 5 N/contd

Chains,	of chain men is 6 lbs. position of middle point. By 1st set. 39.96 chs. By 2nd set 39.90 chs.; the mean of which is.
39.93	After diligent search no trace of the old standard $\frac{1}{4}$ sec. cot. can be found, set a brachy $\frac{1}{4} \times 10 \times 6$ ins. 10 ins. in the ground, foot re-established standard $\frac{1}{4}$ sec. cot. marked S.C. $\frac{1}{4}$ sec. 32 on N. face, raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cot.
46.00	Pits impracticable Ridge, bears N. W. $\frac{1}{2}$ S. E. Difference between measure- ments of 79.86 chs. by two sets of chain men is 12 lbs. position of middle point. By 1st set 79.92 chs. By 2nd set 79.80 chs.; the mean of which is
- 79.86	The old standard sec. cot. reset brachy $\frac{1}{4} \times 10 \times 6$ ins. 11 ins. in the ground, foot re- established standard cot. of sec. 31 $\frac{1}{2}$ sec. 32. marked S.C. on N. with 5 grooves on the E. and 1 groove on the W. faces. raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cot. Pits impracticable Sand mountainous Soil stony ^{irregular} no timber Beneath undergrowth 79.86 chs.

Standard Parallel South through R. 57th. concluded.

Chains.

S. 89° 45' 28"

On 5th Standard Parallel, South
Mkt. 1st day, Sec. 31.

Descending, through dense oak
brush.

37.00

Ravine 150 ft deep
course N. 60° E.

Difference between measure-
ment of 10.15' chs. by two
sets of chain men is. 6 ft.
Position of middle point
By 1st set 10.15' chs.

By 2nd set 10.09' chs.; the mean
of which is

10.12' After diligent search no trace
of the old standard by sec. cor.
can be found
set a brachystile 4x10x6 ins. 10 ins.
in the ground for re-established
standard by sec. cor.

marked S.C. 14.3.31 on N. face,
raise a mound of stone 2 ft.
base 14 ft. high N. of cor.
Pits impracticable.

Difference between measure-
ments of 80.25' chs. by two sets of chain-
men is 10 chs. position of middle point
By 1st set 80.30' chs.

By 2nd set 80.20' chs.; the mean of
which is

80.25 The old standard cor. of 9.75 S. R. 57th

Re-remark cor. with S.C. on N.
with 6 grooves on N.W. E. faces.
raise a mound of stone 2 ft base,
14 ft height N. of cor. Pits impracticable
Sand, moraineous,

soil, stones

3rd plate.

not timbered

Dense undergrowth.

80.25' chs.

October 18th 1900.

5th Standard Parallel South through R. 67th.

November, 2nd 1900.

At 8 a. m., l. m. t.,
he set off 38°36' N. on lat. arc.
112°37' W. on decl. arc; and
determine a true meridian
with the solar, at the
Standard col. of 9.75 S, Re. 6th 7th.

which is lime stone 16 x 12 x 10
ins. above ground firmly set
and marked as described by
the Surveyor General,

Hence he runs
East on a blank line
on the Standard Parallel South,
on S. bdy. of sec. 31, by two sets of chain-
men at 4000 chs. after diligent
search no trace of the old stand-
ard spec. cor. can be found
and at 8000 chs. after diligent
search no trace of the old
standard cor. ^{31 & 32} can't be found.
Therefore he resumes the 5th stand-
ard Parallel South.
as follows.

At the Standard col. of 9.
75 S, Re. 6th 7th
Lat 38°36' N. Long. 112°37' W.
Already described.

At 10. 43 A.M. - p.m., l. m. t., he
observes Polaris at upper cul-
mination in accordance
with the manual, and
marks the line thus determined
by a tack in a hub driven
in the ground 5 chs. N. of
our station.

Survey of the
Standard Parallel South through R. 6 N. Continued.

Chains.

November, 3rd 1900.

The magnetic bearing of the true meridian at 7 a. m., is N. 16° 30' W.; the angle thus determined, reduced by the table, page 108, gives the mean mag. decl. 16° 27' E.
~~W. lay off from the true meridian angle 90° from N. E. 3rd~~
From the Standard col.
Already described; repeat.
East

On the 5th Standard Parallel South on S. bdy. of sec. 31.

Ascending

through dense artemesia,

Wood Road

Rode foot to Sulphur bed
near S. E. ^{end} N.W.

Entered scattering cedar and
pinon

Wood road,
near N.W. ^{end} S.E.

Difference between measurements of 40.00 chs. by two sets of chain men is 4 ft.

Position of middle point

By 1st set 40.00 chs.

By 2nd set 39.98 chs.; the mean of which is.

40.00 After diligent search no trace of the old standard 1/4 sec. col. can be found. No 13 ft from this tangent statchey $\frac{1}{2} \times 12 \times 8$ in. 1/2 ins. in the ground for re-established standard 1/4 sec. col. marked S.C. 1/4 S. 31. on N. face raised a mound of stone 2 ft. base, 1/2 ft. high N. of lot. Pits impracticable.

5th Standard Parallel South, through R. 67 P. concluded.

Chains	
7,000	Ravine 75 ft. deep. Course N. Difference between measurements of 80.00 chs. by two sets of chain men is 8 fms. Position of middle point By 1 st set 80.04 chs. By 2 nd set 79.96 chs.; The mean of which is.
- 8,000	After diligent search no trace of the old standard sec. col. can be found. N. 0.53° fr. from the tangent set a trachyte $\frac{1}{4} \times 12 \times 6$ ins. 10 ins. in the ground, for re-established Standard Col. of sec. 31 ^{and} 32 marked S.C. on N. with 5 grooves on the E. and 1 groove. In the N. faces, raised a mound of stone 2 ft. base 1' 6" fr. high. N. of col. Bits impracticable. A cedar 4 ins. in diam. bears N. 30° E. 35 lbs. dist. marked N. 25 S., R. 67 N. S. 32 B.P. A cedar 5 ins. in diam. bears N. 77° 47' 37" lbs. dist. marked N. 25 S. R. 67 N. S. 31 B.P. Land rolling Soil: stony 3 rd rate. Timber, Cedar and Pinion. Dense undergrowth.
	80.00 cha November 3 ^d 1900

For general description see subdivisions
P 26 S. R 47 E. 846 N.

Hubert D. Page
Harry Erwin,
U.S. Deputy Surveyor

There being no surveyor public or other officer authorized to administer oaths within reasonable distance at the beginning or end of the survey in order to swear in and before I administer the preliminary and final oaths myself

Robert D. Page
G. S. Deputy Surveyor

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by
..... United States Deputy Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of
..... showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted
....., United States Deputy Surveyor, in surveying all
those parts or portions of the
..... of the
..... meridian, of, which are represented
in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
General for

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this }
day of , 180 }
.....



1924
BPLC

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I,

Harry Euvir

United States Deputy Surveyor,

solemnly swear that, in pursuance of a contract received from

United States Surveyor General for

Delaware

Jacob B. Blaw

, bearing date of the

24th

day of *September*,

, 1899, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for

Delaware

, the Manual of Surveying Instructions, and the laws of the

United States surveyed all those parts or portions of *The Fifth Standard Parallel*

South, through Range 46, 5 & 6 West

of the *Salt Lake*
Base and meridian, in the State of Delaware, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for

Delaware

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Euvir
United States Deputy Surveyor

Subscribed by said *Harry Euvir*, and sworn to before me }
this *25th* day of *May 1901*, 189 }

SEAL

Edward Henderson
U.S. Surveyor General for Delaware

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of

executed by

under his contract No. , dated , 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in , has been correctly copied from the original notes on file in this office.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Fifth Standard Parallel through Ranges 4 $\frac{1}{2}$, 5 $\frac{1}{2}$ & 6 $\frac{1}{2}$ of the Salt Lake meridian in the state of Utah, showing the respective capacities in which they acted:

Orson M. Allred, Harvey L. Heist, Chainman.
Hubert Price Newark S. Dawson, X., Chainman.
Henry John Mackey, Moundman.
Joseph A. Lott, Moundman.
Henry John Mackey, Axman.
Joseph A. Lott, Axman.
Orson Allred, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the Fifth standard Parallel south, through Ranges 4 $\frac{1}{2}$, 5 $\frac{1}{2}$ & 6 $\frac{1}{2}$ of the

Salt Lake base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Orson M. Allred Harvey L. Heist, Chainman.
Hubert Price Newark S. Dawson, Chainman.
Henry John Mackey, Moundman.
Joseph A. Lott, Moundman.
Henry John Mackey, Axman.
Joseph A. Lott, Axman.
Orson Allred, Flagman.

Subscribed and sworn to before me this 21st
day of November, 1890. }

Hubert D. Page
U.S. Deputy Surveyor.



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

Hubert D. Page

, United States Deputy Surveyor,

solemnly swear that, in pursuance of a contract received from *United States Surveyor General for Utah*, bearing date of *1891*, day of *November*, 1891, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for *Utah*, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of *the Fifth Standard Parallel, South through Range 4th, 5th & 6th West*

base and meridian, in the state of *Utah*, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for *Utah*, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page

United States Deputy Surveyor

Subscribed by said *Hubert D. Page*, and sworn to before me }
this *25th* day of *May 1901*, 1891 }

000000
SEAL
000000

Edward H. Anderson
U. S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 3 1901, 1891

The foregoing field notes of the survey of *the Fifth Standard Parallel, South, Township 25 South, Through Ranges 4th, 5th & 6th West of the Salt Lake Base and Meridian, Utah*,

executed by *Hubert D. Page and Harry Evans*,
under his contract No. *232*, dated *November 24*, 1891, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-285

199

FIELD NOTES

OF THE SURVEY OF THE

Southand Westboundaries

Township No. 26 South

Range No. 5 West

of the Salt Lake base and Meridian,
In the state of Utah.

AS SURVEYED BY

Hubert D Page & Harry Erwin, United States Deputy Surveyors
under his Contract No. 737, dated November 24th, 1899Survey commenced October 18th, 1890Survey completed " 21st, 1890S-Bon - 6-13 W- 24 ✓
14- " " 4-77-13 ✓

11- " 1-13

NAMES AND DUTIES OF ASSISTANTS.

Willie L. Neal, Chairman:

Alfred H. Shartlau, "

Cerson H. Alfred, Mound.

Ohio J. Allen, Denver.

Herbert Price, "

Cerson Alfred, Flagstaff

For preliminary applications see book K. I. pp. 26 S. P. 4½ W

BOOK A-285

INDEX DIAGRAM.

Township _____, *Range* _____

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chainma

, Chainma

Subscribed and sworn to before me this }
day of , 189 }



We, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundme

, Moundme

Subscribed and sworn to before me this }
day of , 189 }



We, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axme

, Axme

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagm

Subscribed and sworn to before me this }
day of , 189 }



South boundary of T. 26 S. R. 5 W.

Survey commenced
October 18, 1900
and executed with a light
mountain transit with solar
attachment No. 1; made in
H. and L. C. Gurley.
The horizontal limb is provided
with two opposite verniers
reaching to one minute of
arc, which is also the
least count of the verniers of
the latitude and declination
arcs.

The instrument was examined,
tested on the true meridian
at Salt Lake City, found correct,
and was approved by the
Surveyor General for Utah,
June 16, 1905.

We examine the adjustment
of the transit, and correct the
level and collimation errors;
then, to test the solar
apparatus by comparing its
indications, resulting from
solar observations made
during A. M. and P. M. hours,
with the true meridian
determined by observations
on Polaris. We proceed as
follows:

At the corner
of T. 26 S., R. 5 W.
latitude $38^{\circ} 30' 9''$, longitude
 $113^{\circ} 26' 44''$, set by us Oct. 2, 1900
at 4 p.m. L. m. t., we set off
 $38^{\circ} 30' 9''$ on the last arc: $9^{\circ} 44' 5''$ S.
on the decl. arc; and determine

South boundary of T. 26 S., R. 5 W. Continues

with the solar meridian: and mark a point thereof on a stone set firmly in the ground, 5.00 chs. N. of the cor.

Oct. 18: At 11³⁴ p. m., L. m. L. we observe Polaris at upper culmination, in accordance with Manual of Instructions, the True Meridian, falls on the mark established by the solar observation on the stone set 5.00 chs. N. of the cor. using the mark with a cross.

Oct. 18. 1900

Oct. 19: At 7 A. M. L. m. L. we set off $38^{\circ}30'$ N. on Lat. or: $9^{\circ}51' S.$ on decl. arc: and determine a true meridian with the solar: the line thus determined falls on the cross established by the Polaris and a. m. observations.

The solar altitude is $-9^{\circ} 51'$ in first A. m. observations, giving position of true meridians at same point as by Polaris observations, therefore, we conclude the instrument to be in adjustment.

The magnetic bearing of the line at 7³³ A. M. is N. $16^{\circ}30' W.$ the angle thus determined, reduced by the table, page 100, gives the mean mag. decl. $16^{\circ}27' E.$

South boundary T. 26 S. R. 5 W. Continued

4.00	We begin at the Cor. of Tps. 26 S. Rs. 4 & and 5 W. which we established October 6, 1900. There are now It. on S. body of sec. 36. and South body of township descend through dense artemesia scrub oak and scattering mahogany.
4.50	Mill Creek, 15 ft. wide; pure water, 6 ins. deep, and. Course 15.00 ft. deep. Course It. 25° E. Begin a steep ascent through scattering aspen and pine timber. Mining ditch; course It.
5.00	Top of steep ascent.
5.50	Top of ridge, bears It. 15° E. and S. 15° W. descend.
6.00	Bottom of ravine, 500 ft. deep, Course It. 20° E. as-cent. Set a pine post, 3 ft. long, 4 ins. sq., 24 ins. in the ground, for sec. cor. marked $\frac{1}{4}$ S. 36. on It. face: dig pits 18x18x12 ins., E. and W. of post; 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. It. of cor.
6.50	Top of ridge, bears It. and S. descend.
7.00	Bottom of ravine, 500 ft. deep. Course It. W. Ascent.
7.50	Miner's Cabin. 16x16 ft. It. 1.00 ch.
8.00	Iragon road. Bears It. 10° E. and S. 10° W. Set a quartzite stone, 14x8x7 ins., 10 ins. in the ground, for cor. of secs. 35 and 36, marked with 1 notch on E. and 5 notches on It. edges and raise a mound of stone, 1 ft.

South boundary of T. 26 S., R. 5 Tr. Contin.

Claims	base, 1 $\frac{1}{2}$ ft. high, Ht. of cor. Hills impracticable. Land rolling. Soil stony 3 $\frac{1}{2}$ and 4 $\frac{1}{2}$ Rate. Timber Aspen and pine. Mountainous land, 80.00 chs.
	<p>On South boundary of Tr.</p> <p>area sec. 35.</p> <p>Ascend through dense</p> <p>Artemesia, scrub oak and</p> <p>scattering marsh-gam.</p>
17.45	<p>Top of mountain spur,</p> <p>projects N.E.</p> <p>Lies west over broken land.</p>
40.00	<p>Set a trachyte stone 6x10x6 ins., 11 ins.</p> <p>in the ground for $\frac{1}{4}$ sec. cor.</p> <p>marked N. S. E. S. on H. face:</p> <p>and raise a mound of s. tone,</p> <p>2 ft. - base, 1$\frac{1}{2}$ ft. - h. Ht. of cor.</p> <p>Hills impracticable.</p>
92.00	<p>Enter fine timber, bears N. and S.</p>
- 80.00	<p>Set a trachyte stone 6x10x6 ins., 12 ins.</p> <p>in the ground for cor. of sec.</p> <p>94 and 35, marked with 2 notches</p> <p>on E. and 4 notches on W. edges:</p> <p>from which</p> <p>A piece, 4 ins. diam., bears H. 35° E.</p> <p>17 lbs. dist. marked</p> <p>T. 26 S., R. 5 Tr., S. 35, R. T.</p> <p>A piece, 4 ins. diam., bears H. 25° W.</p> <p>60 lbs. dist. marked</p> <p>T. 26 S., R. 5 Tr., S. 34, R. T.</p> <p>This cor. is 800 ft. below mountain spur.</p> <p>Land mountainous.</p> <p>Soil stony 3$\frac{1}{2}$ Rate.</p> <p>Timber pine.</p> <p>Mountainous land, 80.00 chs.</p>

South boundary of T. 26 S., R. 5 W. Continued.

Chains	
	West, on S. bdy. of Tp. and sec. 34. descend, through dense scrub oak and scattering pine timber.
10.00	Wagon road, bears S. E. ^{and} N. W.
40.00	Set a - brickle - stone 18x12x10 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. 34, on N. face: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. It's impracticable.
48.00	Bottom of canon, 700 ft. deep. Course S. W. ascend.
57.90	Top of spur, projects S. W. descend. Enter scattering cedar timber.
74.55	Fish Creek, 20 ft. wide, fine water, 6 ins. deep, in canon 1000 ft. deep. Course N. Leave timber, bears N. and S. As ascend.
74.95	Canon road, bears N. and S.
80.00	Set a - brickle - stone, 20x12x12 ins., 15 ins. in the ground, for cor. of secs. 33 and 34, marked with 3 slotches on E. ^{and} N. edges. And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. It's impracticable. Land mountainous. Soil stony, 3 rd Rate. Timber, cedar and pine Mountainous land, 80.00 chs. October 19: At this cor. we set off 10° 01' S. on the decl. arc: and observe the sun on the meridian at 11:15 a.m. M.W.T. resulting lat is 38° 35' N.

South boundary of T. 26 S., R. 5 W. Cont.

Chains

- West on S. bdy. of Tp. and sec. 33.
Ascend through dense scrub oak
12.00 Enter scattering pine timber.
27.00 Top of spur, projects N. C. descend.
Enter heavy pine timber,
bears H. C. and S. W.
40.00 Set a porphyry stone 12x10x6 ins.
8 ins. in the ground, for $\frac{1}{4}$
sec. cor., marked $\frac{1}{4}$ S. 33 on
W. face: from which
A pine, 6 ins. diam., bears H. 50° W.
25 lbs. dist. marked $\frac{1}{4}$ S. 33. B. T.
No other bearing trees within limits.
And raise a mound of stone, 2 ft
base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
43.00 Spring branch, 1 ft. wide, 2 ins. deep, in
lavine 200 ft. deep, course N. C.
Leave pine bears H. C. and S. W.
Enter heavy aspen, begin steep
Ascent from lava rock.
80.00 Set a trachyte stone, 20x12x6 ins.
15 ins. in the ground, for cor.
of secs. 32 and 33. marked with 4
notches on E. and 2 notches on
W. edges: from which
An aspen, 8 ins. diam. bears
H. 45° C., 45 lbs. dist. marked
T. 26 S. R. 5 W., S. 33. B. T.
An aspen, 5 ins. diam. bears
H. 56° W., 55 lbs. dist. marked
T. 26 S. R. 5 W., S. 32. B. T.
This cor. is 1000 ft. above
the cor. of secs. 33 and 34.
Land mountainous.
Soil stony, 3rd and 4th Rate
Timber, aspen and pine.
Mountainous land. \$0.00 Chs.

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South boundary of T. 26 S., R. 5 W. Continued

Chains	
	West, on S. bdry. of Th. ^{and} sec. 32.
40.00	Ascend - through heavy Aspen and pine timber. Set a trachyte stone 12x8x3 ins. 8 ins. in the ground. for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. 32 on N. face: from which An aspen, 6 ins diam., bears H. 45° N. 15 lbs. dist. marked $\frac{1}{4}$ S. 32. N. E. T. No other bearing trees within limits. And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
42.00	Top of mountain ridge, 500 ft. above cor. of secs. 32 and 33. bears H. 20° E. and S. 20° W. Descend.
47.00	Leave heavy timber bears N. and S., center dense scrub oak, and scattering aspen and pine timber.
67.75	Bottom of ravine, 300 ft. deep, Course N. W. Ascend.
80.00	Set a trachyte stone 15x15x3 ins. 10 ins. in the ground. for cor. of secs. 31 ^{and} 32, marked with 5 notches on E. and 1 notch on W. edges: from which A pine, 8 ins. diam., bears H. 70° W. 40 lbs. dist. marked T. 26 S., R. 5 W. S. 31. N. E. T. No other bearing trees within limits. And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high. N. of cor. Pits impracticable. Land mountainous. Soil stony. 3 rd . Rate. Timber Aspen and pine. Mountainous land. \$0.00 obs.

South boundary of T. 26 S., R. 5 W. Concl.

Chains

	West on S. body of Tp. and sec. 31. Over stony soil. Descend through dense scrub oak and scattering aspen and pine timber.
10.80	Dragon road, bears H. ^{2nd} S.
11.50	Shingle Creek, 6 lks. wide, fine water, 5 ins. deep. in canon 1200 ft. deep. Course H. Ascend.
30.39	Top of spur, projects H. Descend.
40.00	Set a trachy-te stone 16 x 14 x 12 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. Cor., marked $\frac{1}{4}$ S. 31, on H. face: from which
	An aspen, 3 ins. diam., bears H. 80° E. 25 lks. dist. marked $\frac{1}{4}$ S. 31. B. T. No other trees within limits. and raise a mound of stone, 2 ft. base, 1½ ft. high. Pt. of cor. Site impracticable.
70.00	Ravine, 300 ft. deep, Course H. 70° E. Ascend.
80.00	Set temp. cor. for T. 26 S., R. 5 ^{and} 6 W. October 19, 1900
	October 21: We destroy temp. Cor., and continued the line. West.
- 91.38	The cor. of Tp. 26 S., R. 5 ^{and} 6 W. established by us, October 21, on the West body of this Tp. by descent of which we set said cor. in the land mountainous.
	Soil stony 3 rd and 4 th . Rate. Timber aspen and pine. Mountainous land. 91.38 chs.

October 20: At 8 A. M. l. m. t. we set
off 38° 30' H. on the lat. arc: 10° 17' S.
on the decl. arc: and determine
a true meridian with the

First boundary of T. 26 S., R. 5 W. Continued

Chains.

Solar at temp. cor. of T. 26 S., R. 5th, 6 M.

Thence we run

North, on a random line, along
the west bdy. of T. 26 S., R. 5 W.

Setting temp. $\frac{1}{4}$ sec. and sec. cor. at
intervals of 40.00 chs: and at 397.16
chs. intersect the E. and W. line,
11.38 chs. E. of the Standard Cor. of
Tps. 25 S., Rs. 5th: on the 5th
Standard Parallel South,

as marked by us. October 18,

which we doin

mark as the Standard Cor.
for Tps. 25th and 26 S., R. 5 W.

This Standard Tp. cor. is a trachyte
stone, 6x10x8 ins. above the ground,
firmly set, marked as described
by the surveyor general.

We abandon the random line.

Note: This day we discharge
Willie L. Neal ^{and} Alfred H. Shoiter,
to whom, we administered
the proper oath.

No person authorized to
administer oaths, other than
myself, is available, without
great delay and expense.

Alfred D. Parker

October 20. 1900.

October 21: At the Standard Cor. of
Tps. 25 and 26 S., R. 5 W. hitherto described
At 8 A. M., l. m. A. we set off 38° 35' W.
on lat. arc: 10° 39' S. on decl. arc: and
determine a true meridian, with
the solar.

Thence we run

South, along W. bdy. of Tp. and sec. 7.
Over stony soil descend through

West boundary of T. 26 S., R. 5 W. Continued.

Chains	
	Dense oak brush.
12.00	Bottom of ravine, 100 ft. deep. Course N. 65° E. ascend.
37.16	Set a trachyte stone 15x9x6 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 12. on N. and 1/4 on E. faces: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
46.00	Top of spur, projects E.. Enter heavy aspen timber, bears E. and W. descend.
55.60	Enter dense mahogany, leave timber. bears E. and W.
-77.16	Set a trachyte stone, 16x10x8 ins. 11 ins. in the ground, for cor. of secs. 7, 12, 13 nd and 18. marked with 4 notches on S. and 2 notches on N. edges: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable This cor. is 800 ft. above Standard Cor. Land mountainous Soil stony 3 rd Rate. Timber aspen. Mountainous land. 77.16 chs.

South, along west bdry. of Twp.
and sec. 18.

Over stony soil, descend along the
east slope of the divide of Tishcar
mountains, through dense scrub oak
and scattering mahogany.

40.00 Set a trachyte stone 14x8x6 ins. 10 ins. in
the ground, for 1/4 sec. cor. marked 1/4 S.
13. on W. and 18. on E. faces: and
raise a mound of stone, 2 ft. base,
1 1/2 ft. high, N. of cor.
Pits - impracticable.

63.15 Bottom of ravine, 300 ft. deep.
Course E. ascend.

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West boundary of T. 26 S., R. 5 W. Continued
Chains

	On top heavy aspen timber, bears E. and W.
80.00	Begin steep ascent. Set a hachette post 4x 8x 6 ins. 10 ins. in the ground, for loc. of secs. 13, 18, 19 and 24, marked with 3 notches on S. and N. edges; from which
	A aspen, 3 ins. diam., bears N. 15° E. 4 lbs. dist., marked T. 26 S., R. 5 W., S. 18, B. T.
	A aspen, 4 ins. diam., bears S. 85° E. 4 3 lbs. dist., marked T. 26 S., R. 5 W., S. 19, B. T.
	A aspen, 6 ins. diam., bears S. 22° 30' W., 17 lbs. dist., marked T. 26 S., R. 6 W., S. 24, B. T.
	A aspen, 5 ins. diam., bears N. 10° W. 3 lbs. dist., marked T. 26 S., R. 6 W., S. 13, B. T.
	Land mountainous Soil stone & slate. Timber aspen Mountainous. Total 80.00 lbs.

South along the W. bdy. of
the Th. and sec. 19.
Over rolling land, along
the east slope of the
divide of Fisher
mountains, through
heavy aspen and scattering
pine timber.

40.00	Set a charred aspen post, 3 ft. long, 5 ins. sq. 2 1/2 ins. in the ground, for 4 sec. cor. marked $\frac{1}{4}$ S. 24, on W. and
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West boundary of T. 26 S., R. 5 W. Dakota

Chains

19 on C faces.

from which

B. aspen, 6 ins. diam., bears S. 15°
C. 8 lbs. dist., marked $\frac{1}{3}$ S. 19. B. T.B. aspen, 5 ins. diam., bears S. 20° W. 7°
lbs. dist., marked $\frac{1}{3}$ S. 24. B. T.< 80.00 set a trachyte $15 \times 12 \times 10$ ins.10 ins. in the ground, for
Cor. of secos. 19, 24, 25 and 30.marked with 2 notches on
S. and 4 notches on N. edges.
from which

B. aspen, 5 ins. diam., bears N. 30° E.

28 lbs. dist., marked

T. 26 S. R. 5 W. S. 19. B. T.

B. aspen, 3 $\frac{1}{2}$ ins. diam., bears S. 26° C.

10 lbs. dist., marked

T. 26 S. R. 5 W. S. 30. B. T.

B. aspen, 6 ins. diam., bears S. 30° W.

15 lbs. dist., marked

T. 26 S. R. 5 W. S. 25. B. T.

B. aspen, 5 ins. diam., bears N. 35° W.

80 lbs. dist., marked

T. 26 S. R. 5 W. S. 24. B. T.

Land rolling

Soil 3' loamy

3rd Rate

Timber aspen and pine

Heavily timbered 80.00 cho.

Oct. 21: At this cor. we set
off 10° 44' S. on the decl arc.
used at 11° 45' A. M. h on I.
observe the sun on the
meridian, the resulting
lat. is 38° 32' N.

West Boundary of T. 26 S., R. 5 W. Cont'd.

Chains

South along the N. bdy. of
the Tr. and sec. 30.

Over rolling land, ascend
along the east slope of
the divide of Tuscar.
mountains, through
dense aspen and scattering
pine timber.

88.00 Begin steep descent over
broken lava rock.

40.00 Set a lava stone 20x10x9 ins.
15 ins. in the ground for
sec. cor. marked to T. 25.
On N. west 30 on E. faces:
from which

A aspen, 4 ins. diam. bears S. 75°
C. 40 lbs. dist. marked
T. 25, R. 5.

A aspen, 4 ins. diam. bears S. 72° W. 40
lbs. dist. marked T. 25, R. 5.

Spring from a, 100. wide, in ravine,
350 ft. cliff, Coarse. H. 75° C.
ascend

80.00 Set a - tachytes, 12x4 ins. 10
ins. in the ground for cor.
of secs. 25, 30, 31 and 36, marked
with 1 notch on N. end 5
notches on E. edges
from which

A pine, 5 ins. diam. bears H. 10° C.
10 lbs. dist. marked

T. 26 S. R. 5 W., S. 80. B. T.

A pine, 4 ins. diam. bears S. 20° C.
20 lbs. dist. marked

T. 26 S. R. 5 W., S. 81. B. T.

A pine, 7 ins. diam. bears S. 40° W.
9 lbs. dist. marked

T. 26 S. R. 6 W., S. 82. B. T.

A aspen, 2 ins. diam. bears H. 58° W.
4 lbs. dist. marked

First boundary of T. 26 S., R. 5 W. Continued

Chains	T. 26 S., R. 6 W., S. 25, B. T. Land mountainous Soil stony 3 rd Rate Timber Aspen and pine Mountainous land " " Heavy timbered 80.00 chs.
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- South along the W. bdy. of
the Th. and Sec. 31.
Entered through heavy
Aspen and pine timber.
- 1.00 Top of ridge. bears N. 60° E.
and S. 60° W. elevation.
- 3.00 Heavy pine timber bears N.C. and
S. W.
- 25.00 Ravine, 200 ft. deep. bears N.C.
Ascend.
Enter scattering pine timber.
- 40.00 Set a trackster $\frac{1}{4} \times 12 \times 6$ ins. 12
ins. in the ground, for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ J. 8 b. on
W. and 31. on E. faces:
from which
- A pine, 6 ins. diam. bears N. 25° E.
8 lbs. dist. marked $\frac{1}{4}$ J. 31, B. T.
- A pine, 3 ins. diam. bears N. 48° W.
123 lbs. dist. marked $\frac{1}{4}$ J. 36, B. T.
- 72.00 Top of rocky spur, projects S. E.
Elevated.
- 80.00 Intersect S. bdy. of Th.
11.38 chs. W. of the temp.
Cor. of T. 26 S., R. 5 and 6 W.
which we destroy.
- Set a trackster $\frac{1}{4} \times 12 \times 5$ ins. 10 ins. in
the ground, for
- Cor. of T. 26 S., R. 5 and 6 W. marked
with 6 notches on E, W and N. edges:
from which

1000

First boundary of T. 26 S., R. 5 W. Continued

C. ad per, 7 ins. diam., bears N. 15° E.

34 lbs. dist., marked

T. 26 S., R. 5 W., S. 31. B. T.

C. ad per, 8 ins. diam., bears N. 69° W.

90 lbs. dist., marked

T. 26 S., R. 6 W., S. 36. B. T.

Land - rolling

Soil - loamy 8th Rate

Timber - open and fine

Beams 1' finished or

close - undergrowth, 80.00 chs.

October 21, 1900.

Boundaries of T. 26 S., R. 5 W.
Latitude, obliquities & closing errors.

Line designated	True bearing	Distances	Latitude		Obliquities	
			N.	S.	E.	W.
5 th Standard Parallel S.		chs.	chs.	chs.	chs.	chs.
S. body sec. 31.	West.	10.05				10.05
S. body sec. 36.	S. 87° 57' W.	79.64		8.85		79.59
S. body sec. 35.	S. 87° 57' W.	79.64		8.85		79.59
S. body sec. 34.	S. 89° 45' W.	40.23	15			40.83
	S. 89° 30' W.	41.28		36		41.38
S. body sec. 33	West. 1	79.86				79.86
S. body sec. 32.	West. 1	79.86				79.86
S. body sec. 31	S. 89° 45' W.	80.25		35		80.25
West body.	South	397.16		397.16		
South body.	East 1	491.38			491.38	
East body.	North	402.90	402.90			
Convergency						.45
			403.05	403.57	491.38	491.16
			403.05	491.16		
Error in Lat. 9 th step.			0.52	0.22		

For General Description, see
book of subdivisions.

Hubert D. Parker
Harry Erwin

There being no ordinary public or other
office authorized to administer oaths
within reasonable distance at the
beginning or ending of the survey, in
order to save trouble and expense
I administered the following
and fiscal oaths myself
Hubert S. Walker
H. S. Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

..... United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

..... United States Deputy Surveyor, in surveying all those parts or portions of the _____

..... of the _____

..... meridian, of which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

....., *Chainman.*

.....; *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this }
day of , 189 }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blaik, United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Survey of the U.S. of 1865, R. & P. 3d. 2d.

base and meridian, in the state of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Erwin
United States Deputy Surveyor

Subscribed by said Harry Erwin, and sworn to before me }
this 25th day of May 1901, 1899 }



Edward H. Anderson
U. S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

189

The foregoing field notes of the survey of _____

executed by _____
under his contract No. _____, dated _____, 189 _____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of The South & West days of Sept. 26, A.D. 1890 of the Standard Meridian Patch showing the respective capacities in which they acted:

Willie L. Neal, Chainman.
Alfred J. Shorten, Chainman.
Oson Collected, Moundman.
....., Moundman.
Otis S. Allen, Axman.
Hubert Price, Axman.
Oson Collected, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the South & West days of Sept. 26, A.D. 1890 of the Salt Lake Base Line meridian, State of Utah, which are represented

a the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Willie L. Neal, Chainman.
Alfred J. Shorten, Chainman.
Oson Collected, Moundman.
....., Moundman.
Otis S. Allen, Axman.
Hubert Price, Axman.
Oson Collected, Flagman.

Subscribed and sworn to before me this 20th
day of October, 1890 }

W. H. ALLEN
O. H. COLLECTED

Hubert D. Page
U.S. Deputy Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR

Melvin D. Page

United States Deputy Surveyor

Jacob B. Clegg

I solemnly swear that, in pursuance of a contract received from

United States Surveyor General for

Utah

bearing date

24th day of November, 1897 I have well, faithfully, and truly, in my proper power, and in strict conformity with the instructions furnished by the United States Surveyor General for *Utah*, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

S. D. 47-25-37.

*base and meridian, in the State of Utah, which are represented by the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for *Utah*, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.*

Melvin D. Page,

United States Deputy Surveyor

Subscribed by said *Melvin D. Page*, and sworn to before me,

this 25th day of *March 1901*, A.D.

000000
800000

*Edward H. Anderson
U. S. Surveyor General for Utah*

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Utah, February 1st, 1902

The foregoing field notes of the survey of *The Smith and West Boundary
Line, 1/2 mile N. E. of Smith's Ferry, 5 miles N. of the Salt Lake
River, & Division, Utah*

presented to *Melvin D. Page and Edward H. Anderson*,
under Contract No. *332*, dated *October 1st, 1897*, having
critically examined, and the necessary corrections and explanations made, the said field notes, as
concerns they describe, are hereby approved.

*Edward H. Anderson
United States Surveyor General*

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.

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BOOK A-285

FIELD NOTES

OF THE SURVEY OF THE

Subdivision

of
 Township No 26 South.
 Range No 5 West.

of the Salt Lake Base and Meridian,
 In the state of Utah.

AS SURVEYED BY

Albert D. Page & Harry Erwin, United States Deputy Surveyors
 Under his Contract No. 237, dated November 14th, 1899.

Survey commenced October 22nd, 1899

Survey completed November 1st, 1899

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Plots - High 49-34-48 ✓
 77-22-11 ✓

Closings 51-03 ✓

2
NAMES AND DUTIES OF ASSISTANTS.

Harvey D'Heish. chairman

Newark S. Dawson "

Herbert Price mound man

Oscar M. Allred alman

Oscar M. Allred Flag man

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Volume

#

R0285

BOOK A-285

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, Harvey D. Heist and Newark J. Dawson
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level
 chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same;
 we will report the true distances to all notable objects, and the true lengths of all lines that we assist
 measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey
 Subdivisions of 9th S., R. 5th W. of the Salt Lake base meridian, state of Utah.

Harvey D. Heist, Chai.

Newark J. Dawson, Chain.

Subscribed and sworn to before me this 16th
 day of August, 1800 }



Herbert Price

Hubert D. Payton
U.S. Deputy Surveyor

We, Herbert Price and
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment
 of corners, according to the instructions given us, to the best of my skill and ability, in the survey
 Subdivisions of 9th S., R. 5th W. of the Salt Lake base meridian, state of Utah.

Herbert Price, Mound

Mound

Subscribed and sworn to before me this 16th
 day of August, 1800 }



Orson M. Allred

Hubert D. Payton
U.S. Deputy Surveyor

We, Orson M. Allred and
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of com
 and other duties, according to instructions given us, to the best of my skill and ability, in the survey
 Subdivisions of 9th S., R. 5th W. of the Salt Lake base meridian, state of Utah.

Orson M. Allred, Ax.

Subscribed and sworn to before me this 16th
 day of August, 1800 }



Orson M. Allred

Hubert D. Payton
U.S. Deputy Surveyor

I, Orson M. Allred, do solemnly swear that I will well and
 perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
 survey of Subdivisions of 9th S., R. 5th W. of the Salt Lake base meridian, state of Utah,

Orson M. Allred, Flag.

Subscribed and sworn to before me this 16th
 day of August, 1800 }



Hubert D. Payton
U.S. Deputy Surveyor

Subdivision of T. 26 S. R. 5 I.

Chains

Survey commenced
October 22, 1900,
and executed with the
instrument described in
book "V."
of this survey.
We know from recent
observations made
October 5th, 1900,
and recorded in
book "V."
of this survey,
the instrument to
be in adjustment.

At the cor. of secs. 35 and 36
on the South bdy. of T. 26 S.
R. 5 I. heretofore described

Oct. 22: 4:15 - 8 A.M. L. m. l. line set
off $38^{\circ}30'$ E. on lat. inc: $11^{\circ}00'$ S.
on decl. inc: and determine
a true meridian with the
Solar.

Thence run
N. 0° 1' W. l. c. l. secs. 35 and 36.
descend through dense
aristea and scrub oak.
Wagon road,

- 19.00 bears N. 5° W.
20.50 West fork of Mill Creek, 5 ft. wide,
pure water, 4 ins. deep, and
Canner, 800 ft. deep; course
N. 10° W.
40.00 Set a track 6x10 x 8 x 5 ins. 15-
ins. in the ground, for $\frac{1}{2}$ sec.
Cor. marked $\frac{1}{4}$ S. 35 on W. and
36 on C. faces: and raise a mound

Supplementary of J. W. S. Roy, loc.

Chains	
45.00	Top of plateau, at the base of a high, st. of one. Pebbles, pebbles, Top of small peak.
50.00	Ravine, 150 ft. deep, coarse fl. fl. Ravine, 150 ft. deep, coarse fl. fl.
65.00	Set a trachyte bldg. 6x6 ft. 10 ins. in the ground, for one of sec. 25, 26, 35 and 36, marked with a notch on S. end of ridge. Soil, a thin, it was covered of stones, so fine. 12 ft. high, top of one. Pebbles, pebbles, Lined the road in angles.
82.00	Soil, stony, 12 ft. high, top of one. Fl. trimble. Limestone, smooth and Whitish, white, sand.
90.00	Soil, stony, 12 ft. high, top of one. C. sand, a few stones, sand, set sec. 25 and 36. Set a trachyte bldg. con.
96.00	I. lies, etc., E. body of fl. at base of sec. 25, 26, 31 and 36. Huctofore described Thick, fine sand.
11.00	Fl. on a tree line, set, also 25 and 36. Our stony land, no sand though some artimesa and oak brush.
11.00	Top of ridge, bldg. fl. and fl. Lies, sand.
25.00	Bottom of ravine, 200 ft. deep Coarse fl. 10 c. sand.
38.00	Top of ridge, bldg. fl. and fl. Lies, sand.
40.00	Set a trachyte bldg. 20 x 14 x 6 ins. 10

See on route
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Subdivision of T. 26 S., R. 3 W. Continued.

110 ft. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 25, on N. and 26. on S. faces; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high. It. of Cor. Pits impracticable.

61.00 Ravine, 100 ft. deep course H. W. The cor. of secs. 25, 26, 35 and 36.

Land mountainous.

Soil stony. 3rd Rat. No timber.

Dense undergrowth and mountainous land. 80.00 obs.

Oct. 22. At this Cor. we set off 11 $^{\circ} 5'$ S. on the decl. arc. and at 11 $^{\circ} 45''$ A. m. l. m. t. observe the sun on the meridian - the resulting lat. is 38 $^{\circ} 3' N$.

H. o' I. W. bet. secs. 25. and 26. Over stony land, descend through dense artemesia and scrub oak.

19.00 Wagon road.

Leaves H. C. and S. W. West fork of Mill Creek. 5 ltrs. wide, pure water, 4 ins. deep, and Canon; 300 ft. deep. Course H. C.

Begin ascent.

110 ft. 30 ft. deep, course S. 80. C.

Set a trachyte $8 \times 1.0 \times 8$ ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 26. on Jr. and 25. on C. faces; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high. It. of Cor. Pits impracticable.

Subsequent notes of July 26 & 19. 5 M. C. Compton

Chains	
51.00	Top of ridge bears H.C. and S. IV. Slip road.
80.00	Set a trachy ^{limestone} $7 \times 10 \times 8$ ins. 12 ins in the ground far to sec. 00. 23, 24, 25 th and 26. surrounded with 2 feet thick sand. and 1 foot thick on E. edges. And raise a mound of stone, 2 ft. base, 1.5 ft. high. H. of cor. Ribs impracticable. Land mountainous.
	Brick-stone 3 rd Rate. No timber. Dense undergrowth and mountainous land. 80.00 Chas.
40.00	C. on a random line bet. secs. 24 and 25.
90.10	Set. lime-p. & sec. cor. Intersect E. body of Twp. 18 Mrs. S. of cor. of secs. 19, 24, 25 th and 30. Hitherto described Hence give line S. 89° 5' E. N. on a true line bet. secs. 24 and 25.
	Clim rolling land. discord through. Dense artemesia and scrub oak.
38.00	West fork of Mill Creek. 10 Mrs. wide. fine water, 3 ins. deep and Cannon, 150 ft. deep. Course H.C.
38.50	Iragon road. bears H.C. and S. IV.
	Begins ascent.
40.05	Set a trachy ^{limestone} $7 \times 12 \times 7$ ins. 10 ins. in the ground far to sec. 00. marked at S. 21 on H and 0.5 on S. faces and have a mound of stone, 1 ft. base, 1.5 ft. high.

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Subdivision of T. 26 S. R. 5 W. continued

Chains.

	M. of cor. Pitt impracticable. Ridge bears N.E. and S. W.
50.50	Ravine, 150 ft. deep course N. C.
60.00	Top of ridge, bears N.E. and S. W.
70.00	The cor. of secs. 23, 24, 25 and 26.
80.10	Land mountainous Soil - stony 3rd Rate. No timber.
	Slime undergrowth and Mountainous land 80.10 Chs.

W. of W. lot. Secs. 23 and 24.

Land rolling, land ascend
through dense artemesia and
Scrub oak.

31.00	Top of ridge, bears N. 80° E. and S. 80° W. sides and
40.00	Set a tracky list ^{4x11} 8 ins. 10 ins. in the ground, for 4 sec. Cor. marked 4 S. 23 on W. and 24 on E. sides. and raise a round of stone, 2 ft. base, 12 ft. high, W. of cor.
65.00	Pits impracticable.
80.00	Slow, 23 ft. deep, course N. 60° E. Set a tracky list ^{4x12x8} ins. 10 ins. in the ground, for 4 sec. cor. marked with 3 notches on S. and 1 notch on E. edges: and raise a round of stone 2 ft. base, 12 ft. high.
	W. of cor. Pits impracticable. Land rolling. Soil stony 3rd Rate. No timber
	Slime undergrowth 80.00 Chs.

October 22, 1900

Subdivision of T. 26 S., R. 5 W. Contin.

Chains

	Oct. 23. At 8 A.M. at m.t. every set off 38° 33' N. lat. sec. 112° S. on decl. sec. and determine a true meridian with the solar at the cor. of sec.
	13, 14, 23 and 24.
	Thence we run H. 89° 52' E. on a random line, bet. secos. 13 and 24.
40.00	Set temp. + sec. cor.
80.00	Intersect C. bdy. of sec. 13. H. 89° 52' E. of cor. of secos. 13, 18, 19 and 24. heretofore described.
	Thence we run H. in a true line, bet. secos. 13 and 24.
	Passed through scattering cedar and juniper timber and dense artemesia and oak brush top of ridge. bears H. and S.
8.50	Begin descent.
14.00	Ravine, 50 ft. deep. Course H.
35.00	Ravine, 100 ft. deep. Course H.
	Leave scattering timber. bears H. and S.
40.00	Set a hickory post 2 x 12 x 5 in. 8. in. in the ground, for 4 sec. cor. marked 4 S. 13, on H. and 24, on N. faces; and raise a wall of stone, 8 ft. base, 12 ft. high, H. of cor.
	It is impracticable.
80.00	The cor. of secos. 13, 14, 23 and 24. Land rolling.
	Soil, yellow 3 rd Rate
	Timber cedar and juniper.
	Undergrowth 800 lbs.

Subdivision of T. 26 S. R. 5 W.

100	<p>A. 0' 1" H. set. secs. 13 and 14. Over rolling land, scattered through dense Artemesia and Scrub oak.</p>
1.00	<p>Enter scattering cedar and pinon timber, bears C. and Jr.</p>
10.00	<p>Set a trackyle ^{1/4} x 12 x 10 in. 2 in. 2 in. in the ground, for 3 sec. cor. marked $\frac{1}{4}$ S. 14 sec. Jr. and 12 on faces from which A. pinion, 4 ins. diam. bears H. 45" C. 15 lbs. dist. marked $\frac{1}{4}$ S. 12. B. T. No other trees within limits. And raise a mound of stones 2 ft. base, 12 ft. high, $\frac{1}{4}$ of cor. Pits impracticable.</p>
42.00	<p>Top of spur, ^{1/4} x 12 x 10. Jr. Descend</p>
50.00	<p>Enter heavy cedar and pinon timber bears C. and Jr.</p>
65.60	<p>Wagon road. bears C and Jr.</p>
80.00	<p>Set a trackyle ^{1/4} x 12 x 10 in. 10 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked with 4 notches on S. and 1 notch on E. edges; from which A. cedar, 4 ins. diam. bears H. 45" C. 15 lbs. dist. marked T. 26 S. R. 5 Jr. S. 12. B. T. A. cedar, 7 ins. diam. bears H. 80" Jr. 25 lbs. dist. marked T. 26 S. R. 5 Jr. S. 14. B. T.</p>
	<p>A. pinion, 5 ins. diam. bears H. 45" C. 20 lbs. dist. marked T. 26 S. R. 5 Jr. S. 11. B. T.</p>
	<p>No other trees within limits. And raise a mound of stones 2 ft. base, 12 ft. high, $\frac{1}{4}$ of cor. Pits impracticable.</p>

Subdivision off 146 A. R. 5 Ex Conn.

Chains	
	Land rolling
	Soil stony
	Timber Cedar and Juniper
	Dense undergrowth or heavily timbered
	80.00 lbs.

C. on a random line bet.

secs. 12 and 13.

40.00	Set temp. to sec. cor.
80.00	Entered C. body of 1/4 at cor. of secs. 7, 12, 13 and 14. Hectofore described. Thence we run W. on a true line bet. secs. 12 and 13.
	Our rolling land through dense air times or
4.00	Enter scattering cedar and juniper timber, bears H. and S.
29.00	Top of spur, projects S. less com'd.
35.00	Wood road, bears H. W. and S. C.
40.00	Set a trachyte $4 \times 14 \times 12$ ins. 10 ins. in the ground, for 1/4 sec. cor. marked 4. S. 12 on H. and 13 on S. faces from which C. cedar, 14 ins. diam. bears S. 45° W. 40. Mr. dist. marked 4. S. 13. P. T. No other tree within limits. And raise a mound of stone, 2 ft. base, 12 ft. high, H. of cor. Pits impracticable.
70.00	Enter heavy cedar and juniper timber, bears H. C. and S. G.
80.00	The cor. of secs. 11, 12, 13 and 14 Land rolling Soil, stony
	3 rd Rate
	Timber Cedar and Juniper

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Subdivision of T. 26 S. R. 5 W. Continued.

Chains	Heavily timbered or dense undergrowth	80.00 chs.
	Lect. 28: At this cor. we set off 11° 25' S. on the decl. arc; and at 11° 44" A. M., I. m.s.t. observe the sun on the meridian, the resulting lat. is 38° 33.30' N	
1.50	W. 0° 1' Dr. bet. Secs. 11 and 12 descend through scattering Cedar and piñon timber and dense artemesia.	
32.50	Bottom of ravine, 50 ft. deep. Come S. W.	
	Enter heavy Cedar and piñon timber bears S. W. and N. E.	
35.00	Leave heavy timber bears E and W enter scattering timber over stony soil.	
40.00	Top of trachyte ledges, 100 ft. high bear E. and W.	
	Set a trachyte 6x12x6 ins. 11 ins. in the ground, give $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 11 on W. and $\frac{1}{2}$ on E. faces: from which bears	
	Piñon, 14 ins. diam, H. 10' E; 20 lbs. dist. marked $\frac{1}{4}$ S. 12. B. T.	
	No other tree within limits. And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. This impracticable.	
47.00	Through dense artemesia.	
69.00	Top of ridge, bears N. W. and S. C.	
	Top of ledge, 50 ft. high, bears N. C. and S. W. descend	
80.15	Intersect N. body of township	

Subdivision of T. 26 S. R. 5 E.

Chains

5 th Standard Parallel South
 $11^{\circ} 4' 57'' E$, 9.63 ch of Standard Dist. of Secs.
 35 and 36, which is a thick limestone
 $6 \times 10 \times 4$ ins above the ground,
 previously described

This corresponds to the
 retracement

Set a sandstone $18 \times 10 \times 7$ ins.
 12 ins. in the ground for
 closing cor. of Secs. 11 and 12,
 marked with C.C. on S. face
 with 1 groove on C. and 3
 grooves on N. faces
 from which

A pinion 8 ins. diam. bears
 $S. 20^{\circ} E$, 45' Ms. dist. marked
 T. 26 S. R. 5 W. S. 12. 13.7

A pinion, 6 ins. diam. bears

$S. 10^{\circ} W$. 18 Ms. dist. marked
 T. 26 S. R. 5 W. S. 11. 13.7

Land rolling.

Soil, stony 3 Acre

Timber Cedar and pinion

Lime in under growth on
 heavily timbered 80-15 chs.

October 23, 1900

Lot 24. Oct. 8 A.M. L. M. L. we set
 $3^{\circ} 30'$ on the lat. arc. $11^{\circ} 43' S.$
 on the decl. arc. and determine
 a true meridian with the
 solar, on the south boundary
 of the township at the cor.
 of Secs. 34 and 35, hitherto described.
 Hence we run

$N. 01' W$ bet. Secs. 34 and 35.

Discord through heavy
 pine timber.

Subdivision of Table No. 2 in Section

Chains	
4.50	Dragon road leaves. C. and W. Leave heavy timber, leaves C. and W. enter dense oak and mahogany brush.
5.00	Bottoms of ravine, 300 ft. deep, coarse Gr. aspen.
52.00	Top of ridge, leaves C. and Gr. Oleander
53.00	Bottom of ravine, 150 ft. deep, coarse S. Gr. aspen.
40.00	Set a trachyte ^{12x8x6} ins. 8 ins in the ground, for 4 sec. cor., marked 4, 5, 34, on Gr. and 35 on C. faces; and raise a mound of stone, 2 ft. base, 1 ft. high. Gr. or iron. Pits impracticable.
48.25	Top of ridge, leaves C. and W. Enter heavy aspen timber, leaves C. and Gr. Oleander.
60.00	Leave timber, leaves C. and Gr. enter dense artemesia and scrub oak.
80.00	Set a trachyte ^{4x12x9} ins. 10 ins in the ground, for cor. of sec. 26, 27, 34 and 35. marked with notch on S. and 2 on C. edges; and raise a mound of stone, 2 ft. base, 1.5 ft. high Gr. or cor. Pits impracticable.
	Land in mountainous Soil stony. 3 rd Rate Timber aspen and pine Mountainous land. Dense undergrowth or heavily timbered. 4000 lbs.

Subdivision of T. 26 S., R. 5 W. Cont'd.

Chains

	C. on a random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect H. and S. line at cor. of secs. 25, 26, 35 and 36. Thence we run H. on a line line bet. secs. 26 and 35. Descent through dense oak and mahogany brush.
3.00	Iragon road. Bears H. and S.
5.00	West fork of Mill Creek, 5 ltrs. wide, pure water, 4 ins. deep. and canon, 300 ft. deep. course H. descent
8.75	Top of ridge, bears H. and S. begin descent.
40.00	Leave. 40 ft. deep, course H. C. Set a brachytest $2 \times 12 \times 10$ ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ S. 26. on H. and 35 on S. faces; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, H. at cor. 1 Ridge impracticable, descent.
52.00	Top of ridge. bears H. and S. descent.
70.00	Leave oak and mahogany, enter dense at times
80.00	The cor. of secs. 26, 27, 34 and 35. Land rolling. Soil stony 3 rd Rate No timber. Dense undergrowth. 80.00 chs.

Oct. 24: At this cor. we set off 11 $4\frac{1}{4}$ ' S.
on the decl. arc: and at 11 $4\frac{1}{4}$ ' A.M.,
l. m. t. observe the sun on the
meridian, the resulting lat. is 38° 31' N.

Annotations:
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Subdivision of T. 26 S. R. 5 W. Cont'd.

Chains	
	H. 0.1 W. bet. secs. 26 and 27.
	Over rolling land, descend through dense artemesia and oak brush.
40.00	Set a masonry stone 20 x 10 x 8 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 27, on W. and 26 on E. faces; and raise a mound of stone, 2 ft. base, 1.2 ft high, W. of cor. Pits impracticable.
46.00	Top of spur, projects H.
77.50	Enter heavy cedar and piñon timber, bears C. and W.
80.00	Set a masonry stone 20 x 18 x 8 ins. 15 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked with 2 notches on S. and E. edges; from which bear P. piñon, 8 ins. diam, H. 50° E. 15 lbs. dist. marked T. 26 S. R. 5 W. S. 23, B. T. A. cedar, 6 ins. diam, S. 63° E. 13 lbs. dist. marked T. 26 S. R. 5 W. S. 26, B. T. A. cedar, 6 ins. diam, S. 70° W. 8 lbs. dist. marked T. 26 S. R. 5 W. S. 27, B. T. A. piñon, 16 ins. diam, H. 60° W. 107 lbs. dist. marked T. 26 S. R. 5 W. S. 22, B. T.
	Land rolling.
	Soil stony.
	Timber cedar and piñon.
	Shrub undergrowth 8.00 chs.

E. on a random line bet. secs. 23 and 26.

40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect H. and S. line at cor. of secs. 23, 24, 25 and 26.

Subdivision of T. 26 S. R. 5 W. Comin

Chains

	Thence we run W. on a true line bet. secs. 23 and 26.
26.00	Ascend through dense scrub oak, artemesia, scattering cedar and piñon timber. Top of ridge, bears N. E. and S. W. Leave scattering timber. Descend.
40.00	Set a trachyte boulder $4 \times 10 \times 8$ ins. 10 ins. in the ground, for 4 sec. Cor. marked $\frac{1}{4}$ S. 23, on N. and 26 on S. faces; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high; N. of cor. Pits impracticable.
54.50	Enter scattering cedar and piñon timber bears N. and S.
76.00	Bottom of ravine, 100 ft. deep, Course N. 15° W.
80.00	The cor. of secs. 22, 23, 26 and 27. Land rolling. Soil stony 3rd Rate Timber cedar and piñon. Dense undergrowth 80.00 Chs. October 21, 1900

(Oct. 25) At 8 A. M. I. ran N. line stt
off 38° 32' N on the lat. inc. 12° 03' S
on decl. arc: and determine
a true meridian with the
Solar at the cor. of secs.
22, 23, 26 and 27.

Thence we run
N. 0° 1' W. bet. secs. 22 and 23.
Over rolling land, through
scattering cedar and piñon
timber, dense artemesia
and scrub oak.

See notes
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Subdivision of T. 26 S. R. 5 W. Cont'd.

Chains

40.00

Set a trachyte, $\frac{1}{4} \times 8 \times 6$ ins. 10
ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 22 on W. and
23 on C. faces: and raise a
mound of stone, 2 ft. base,
 $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.

45.00

Bottom of ravine, 150 ft. deep.
Course N. W. ascend.

55.00

Top of spur, projects N. W.
descend.

30.00

Set a trachyte $\frac{1}{8} \times 14 \times 10$ ins. 12
ins. in the ground, for cor.
of secs. 14, 15, 22 and 23, marked
with 3 notches on S. and 2
notches on C. edges:
from which bears

A cedar, 12 ins. diam., S. 45° E. 65 lbs.
dist, marked T. 26 S. R. 5 W., S. 23, 13, 7.
No other trees within limits:
and raise a mound of stone,
2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.

Land rolling.

Soil stony 3rd Rate.

Timber, cedar and spruce.

Dense undergrowth. 80.00 chs.

E. on a random line
bet. secs. 14 and 23.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.00

Intersect N. and S. line,

at cor. of secs. 13, 14, 23 and 24.

Thence we run

W. on a true line
bet. secs. 14 and 23.

Our rolling land, ascend
through dunes. Artimisia

Subdivision of T. 26 S. R. 5 I. V. Contd.

Chains

and scrub oak.

5.00 Lava, 30 ft. deep, course N.

20.60 Top of spur, projects N. E. descend.

29.52 Bottom of ravine, 100 ft. deep,
course N. E. ascend.

39.00 Top of spur, projects N. E. descend.

40.00 Set a trachyte ledge $6 \times 12 \times 10$ ins. 11
ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 14 on N. and
23 on S. faces: and raise a
mound of stone, 2 ft. base,
1 $\frac{1}{2}$ ft. high, N. of cor.

Pits impracticable.

53.00 Enter scattering cedar and piñon
timber bears N. and S.

67.00 Top of trachyte ledges, 60 ft.
high, bear N. W. and S. E.

69.60 Ravine, 100 ft. deep, course N. W.
ascend.

80.00 The cor. of secs. 14, 15, 22 and 23.
Land rolling.

Soil stony 3^{rd} Rate
Timber cedar and piñon.
Lavine undergrowth, 80.00 chs.

Oct. 25: At this cor. we set off 112.08' S
on the decl. arc: and at $11^{\text{h}} 44^{\text{m}} 0^{\text{s}}$ A. M.,
l. m. t. observe the sun on
the meridian the resulting
lat. is $38^{\circ} 33' N$

N. 0° 1' W. bet. secs. 14 and 15.

Our rolling land, descend
through scattering cedar, and
piñon timber, stone
at times and scrub oak.

12.50 Bottom of ravine, 300 ft. deep.
Course N. ascend.

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Subdivision of T. 26 S., R. 5 Jr. Continued

Chains	
20.00	Top of spur, projects W. descend.
40.00	Set a trachyte ^{stone} 6 x 10 x 6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 15° on W. and 14° on E. faces: from which
	A pinion, 15 ins. diam., bears N. 30° E., 30 lbs. dist., marked $\frac{1}{4}$ S. 14° B. T.
	A pinion, 6 ins. diam., bears S. 60° W., 15 lbs. dist., marked $\frac{1}{4}$ S. 15° B. T.
41.50	Top of spur, projects W.
50.00	Bottom of ravine, 200 ft. deep, Course S. W. ascend.
65.00	Wagon road. bears E. and W.
66.00	Begin steep descent along the right bank of Fish Creek Cañon.
80.00	Set a trachyte ^{stone} 8 x 10 x 8 ins., 12 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked with 4 notches on S., and 2 notches on E. edges: from which
	A cedar, 18 ins. diam., bears N. 45° E. 1. 40 chs. dist., marked T. 26 S., R. 5 W., S. 11, B. T.
	A cedar, 12 ins. diam., bears S. 85° E., 1. 50 chs. dist., marked T. 26 S., R. 5 W., S. 14, B. T.
	A pinion, 14 ins. diam., bears S. 85° W., 95 lbs. dist., marked T. 26 S., R. 5 W., S. 15, B. T.
	No other trees within limits, and raise a mound of stone, 2 ft. base, 12 ft. high, W. of cor. This infudacticable.
	Land rolling.
	Soil stony 3 rd Rate
	Timber & cedar and pinion.
	Ground cover 80-80 lbs.

Subdivision of T. 26 S., R. 5 In Cont.

Chains

		East on a random line, bet. secs. 11 and 14.
40.00		Set temp. $\frac{1}{4}$ sec. cor.
80.00		Intersect H. and S. line, at cor. of secs. 11, 12, 13 and 14. Thence eue run
		West on a true line bet. secs. 11 and 14.
		Over rolling land, descend through dense aristis-a, skirt oak and scattering cedar and juniper timber.
8.00		Bottoms of ravine, 50 ft. deep. Cause D. W.
30.00		Bottom of ravine, 250 ft. deep. Cause D. W., as const.
40.00		Set a hachylete $4 \times 12 \times 5$ ins. 1.0 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked 4 S. 11, on H. and 14, on S. faces: And raise a mound of stone, 2 ft. base, 1.2 ft. high, D. W. of cor.
52.00		Pits impracticable, Top of spine, projects H. D. Descend and broken Stony soil, through scattering cedar and juniper timber.
80.00		The cor. of secs. 10, 11, 14 and 15 Land, rolling. Soil stony, 3 rd Rate Timber Cedar and juniper Lush undergrowth 80.00 pho.

Subdivision of T. 26 S. R. 5 W. Continued

Chains	
	St. 0° 1' W. betw. secs. 10 and 11. Over stony soil, descend through dense artemesia scrub oak, scattering cedar and pinion timber.
2.00	Top of trachyte ledges, 30 ft. high bear S.W. and N.E.
4.00	Fish Creek, 20 ltrs. wide, 4 ins. deep and canon 400 ft. deep. Course N. E. ascend.
7.00	Canon road, bears N.E. and S. W.
21.00	Top of spur, projects C. descend.
40.00	Set a trachyte ^{20x20x8} ins. 15- ins. in the ground, for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ S. 10 on W. and 11 on C. faces; from which bears
	A cedar, 4 ins. diam. St. 50° W. 20 ltrs. dist. marked $\frac{1}{4}$ S. 10. 13. 7.
	No other trees within limits: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
43.30	Bottom of ravine, 250 ft. deep, Course C. ascend.
43.60	Dragon road bears C. and W.
49.40	Top of trachyte ledges, 75 ft. high, bear C. and W.
53.00	Top of spur, projects S. W. descend
77.27	Intersect H. body of townships. 5 th Standard Parallel South St. 87° 57' C. 9. 22 chs. dist. of standard line of secs. 34 and 35, T. 25 S. R. 5 W. which is a trachyte ^{11x10x8} ins. above ground, marked and witnessed as described by the Surveyor General.

Subdivision of T. 26 S. R. 5 W. Cont.

Chains	<p>This corresponds to the reincarnation - Set a brachykeystone 6x12x8 ins. 11 ins in the ground, for closing cor. of secs. 10 and 11. marked C.C. on S. faces with 2 grooves on E. and 4 grooves on W. faces from which bear A cedar, 4 ins diam, S. 85° E. 22 lbs. dist-marked T. 26 S. R. 5 W. S. 11. 187 A cedar, 8 ins diam, S. 45° W. 100 ch. dist. marked T. 26 S. R. 5 W. S. 10. 187 Land mountainous and rolling. Soil. Stony 3rd Rate Timber. Cedar and piñon Slate undergrowth, 77.27 chs. October 25, 1900</p>
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27.50	<p>Oct. 26: Cut. 8 q. yds. l. on N. we set off 38° 30' N on the lat. arc 12° 24' S. on decl. arc: and determine a true meridian with the solar on the South bdy. of the township at the cor. of secs. 33 and 34. herefore described. Thence run N. 8° 2' W. bet. secs. 33 and 34. Over rolling, broken and stony land, descend through dense artemisa and scrub oak.</p>
32.00	Canon road, bears N. W. and S. C.
	Fish Creek 20 lbs. wide, pure water, 15 ins. deep, and Canon, 1000 ft. deep course

Subdivision of T. 26 S. R. 5 W. Continued.

Chains

H. W. as cond.

Enter scattering cedar and piñon timber and scrub mahogany.

40.00 Set a tracky ^{limestone} 15 x 11 x 5 ins.
10 ins. in the ground, for
sec. cor. marked $\frac{1}{4}$ S. 33 on
W. and 34 on E. faces: and
raise a mound of stone,
2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

Pits impracticable.

75.00 Top of spur projects W. obs cond.

Set a tracky ^{limestone} 15 x 8 x 4 ins.
10 ins. in the ground, for
cor. of secs. 27, 28, 33 and 34.
marked with 1 notch on S.
and 3 notches on E. edges:
from which bear

A scrub Mahogany 4 ins. diam.
S. 88 E. 10 lbs. dist. marked
T. 26 S. R. 5 W. S. 34. 13. 1.

No other trees within limits,
And raise a mound of
stone, 2 ft. base, $1\frac{1}{2}$ ft.
high, W. of cor.

Pits impracticable.

Land mountainous

Soil stony 3rd Rate.
Timber, cedar and piñon.
Dense undergrowth and
mountainous land 80.00 chs.

E. on a random line.

bet. secs. 34 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect H. and S. line,
at cor. of secs. 26, 27, 34 and 35.

Sub-division of T. 26 S. R. 5 W. Cont'd

Chairs

- Thence we run
W. on a line line
bet. secs. 27 and 34.
Ascend through dense
artemesia and scrub oak.
Enter scattering cedar and
pinion timber bears N. and S.
Top of ridge, bears N. and S.
Descend, leave timber
bears N. and S. enter
scattering mahogany bush.
Set a ~~Brachylepis~~^{Brachylepis} 76 x 10 x 4 ins.
11 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 27 on
N. and 34 on S. faces;
and raise a mound of stone, 2
ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
The cor. of secs. 27, 28, 33 and 34.
Land rolling
Soil stony 3° Rate
Timber cedar and pinion.
Lime undergrowth, 80.00 lbs.

(Oct. 26: At this cor. we set off
12° 2' 8" S. on the decl. arc: and at
11° 44" A. M., I. m. t., observe
the sun on the meridian,
the resulting lat. is 38° 31' N

- N. & W. bet. secs. 27 and 28.
descend through dense
artemesia, scrub oak,
and scattering mahogany
bush.
Enter scattering cedar and
pinion timber bears N. C.
and S. W.

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36.00

Sub-division of T. 26 S. R. 5 Continued

Chains 40.00	Set in Sandstone 8.4 x 12 x 6 ins. 18 ins. in the ground for 4 sec. cor. marked with 4 S. 28 on N. and 27 on E. faces. From which bears Pinyon, 13 ins. diam. S. 45° E. 26 lbs. dist. marked 4 S. 27. 28. 7 Pinyon, 13 ins. diam. N. 85° W. 25 lbs. dist. marked 4 S. 28. 28. 7 Leave scattering timber, Bears H. C. and S. W.
63.90	Cottonwood. Bears H. 25° E. and S. 25° W.
64.60	Fish Creek. 15 ft. wide, fine water, 18 ins. deep. sand Cottonwood, 10 ft. deep. Course H. 35° E. Asland.
80.00	Set in rocky bed 5 x 9 x 5 ins. 10 ins. in the ground, for Cor. of secs. 21, 22, 27 and 28. marked with 2 switches on S. and 3 switches on E. edges: Wood covers the ground of stones 2 ft. base, 18 ft. high, N. of cor. Ruts infatigable. Sand scumming over
	Soil sandy 3rd Rate. Timber, Cedar and pinyon. Mourn timberous land. 80.00 chs.

E. on a random line
bet. secs. 22 and 27.
Set temp. to sec. cor.
Intersect H. and S. line,
at cor. of secs. 22, 23, 26 and 27
Thickness varies
It on a stone line

Submission of T. 26 S. R. 5 W. Co.

Chains	bet. secs. 2 & 2 and 27 descend through dense artemisia, scrub oak and scattering cedar and juniper timber.
30.00	Bottom of ravine, 500 ft deep, Canna H. W. as cor. of sec. Set a trachyte boulder $4 \times 8 \times 6$ ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked 4 S. 2 E. on N. and 27 on S. faces. and raise a mound of stone, 2 ft. base, 1.5 ft. high, H. of cor.
40.00	Pits impracticable.
55.00	Top of spur, projects H. W. descend.
74.60	Canon road. bears H. and S.
78.25	Fish Creek, 15 hrs. wide, pure water, 18 ins. deep, and Canna 1000 ft. deep. Course H. 5° E. Leave scattering timber bears H. and S. Ascend.
80.00	The cor. of secs. 21, 22, 27 and 28 Land mountainous. Soil stony. 3rd Rate. Timber cedar and juniper. Mountainous land. 80.00 chs.

October 26, 1900

Oct. 27: At 8 A.M., I am here
set off, $3^{\circ} 32' N$ on the lat.
arc $1^{\circ} 44' S$ on the decl. arc
and determine a true
meridian with the solar
at the cor. of secs.
21, 22, 27 and 28.
Thence run

Subdivision of T. 26 S. R. 5 W. Continued.

Chains

- 16.00' W. bet. secs. 21 and 22.
Over stony land, as usual
through scattering cedar
and piñon timber and
dense artemesia and scrub
oak.
- 4.50 Top of spur, projects E. descend.
8.50 Bottom of ravine, 300 ft. deep
Cave. H.C. ascend.
- 16.50 Top of spur, projects E.
Leave scattering timber,
over rolling land.
- 33.50 Top of spur projects E.
Enter scattering timber.
- 40.00 Set a tracky ~~test~~ 8x12x6 ins. 12
ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 21 on W.
and 22 on E. faces:
from which bears
A cedar, 16 ins. diam. S. 10° E. 3°
lbs. dist. marked $\frac{1}{4}$ S. 22, 13. 7.
A cedar, 8 ins. diam. S. 15° W. 15 lbs.
dist. marked $\frac{1}{4}$ S. 21, 13. 7.
- 80.00 Set a tracky ~~test~~ 4x16x14 ins.
18 ins. in the ground, for cor.
of secs. 15, 16, 21 and 22.
marked T. 26 S. on H.C. and
R. 5 W. on S.C. faces; with
3 notches on S. and C. edges:
from which bear
A cedar, 14 ins. diam. S. 85 E. 140 lbs.
dist. marked T. 26 S. R. 5 W. S. 22, 13. 7.
A cedar, 24 ins. diam. S. 10 W. 30 lbs. dist.
marked T. 26 S. R. 5 W. S. 21, 13. 7.
No other trees within limits.
And raise a mound of stone,
2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
- Land rolling
Soil stony

3rd Rate.

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Subdivision of T. 26 S. R. 5 W. Contin.

Chains

Timber cedar and pinion.
Leave undergrowth 80.00 chs.

C. on a random line
bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line,
at cor. of secs. 14, 15, 22 and 23.

Thence we run

Nr. on a true line
bet. secs. 15 and 22.

Discard through dense
Acacia and scrub oak.

10.00 Bottom of ravine, 100 ft. deep,
Course N. ascend.

27.00 Top of spur, projects N. W.
Begin ascent through
scattering cedar and pinion
over stony soil.

36.00 Leave timber bears N. and S.

40.00 Set a trachy $1\frac{1}{2} \times 4 \times 10$ ins.
10 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 15 on
N. and 22 on S. faces: and
raise a masonry of stone, 2 ft.
base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.

49.50 Cross road.

bears N. 10° E. and S. 10° W.

50.00 Fish Creek, 20 ltrs. wide pure
water, 18 ins. deep, and
Canyon 800 ft. deep, Course
N. 10° E. ascend.

60.00 Enter scattering cedar and
pinion timber.

- 80.00 The cor. of secs. 15, 16, 21 and 22.
Found masonry.

Soil stony 3rd Rate.

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Submission of 1.26 S. R. 5 W. Cont'd.

Chains	
	Timber Cedar and spruce. Mountainous land 8000 ft.
2.50	N. 0° E. In bet. secs. 15 and 16. Bear rolling land ascend through. Scattering cedar and spruce timber. dense Aspens and scrub oak. Bottom of ravine. 100 ft. deep. Course N. C.
40.00	Set a blacky log 4x14x14 ins. 10 ins. in the ground. for 4 sec. cor. marked 4 S. 16. on W. and 15 on E. faces: from which bear Spruce, 6 ins. diam, 8.65° E. 2 lbs. dist. marked 4 S. 15, 13. T.
	Spruce, 8 ins. diam, 8.85° N. 15 lbs. dist. marked 4 S. 16, 13. T.
55.00	Top of ridge. bears N. E. and S. W. Leave scattering timber, lbs. cor. 0.
75.00	Bottoms of ravines. 150 ft. deep. Course N. 60° E. ascend.
80.00	Set a blacky log 20x8x6 ins. 15 ins. in the ground. for Cor. of Secs. 9, 10, 15 and 16. marked with 4 notches on S. and 3 notches on E. edges: from which bear. A cedar, 8 ins. diam, 9.65° E. 4 lbs. dist. marked 7.26 S. R. 5 W. S. 10, 13. T.
	A cedar, 24 ins. diam, 8.65° E. 4.2 lbs. dist. marked 7.26 S. R. 5 W. S. 15, 13. T.
	A cedar, 8 ins. diam, 8.86° W. 1.23 lbs. dist. marked 7.26 S. R. 5 W. S. 16, 13. T.
	Spruce, 12 ins. diam, 9.65° W. 1.75 lbs. dist. marked 7.26 S. R. 5 W. S. 9, 13. T.

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Subdivision S. T. 26 S. R. 5 W. Cont'd.

Altitude

Ground rolling.

Soil stony 3rd Rate.

Timber Cedar and piñon.

Dense undergrowth. 80.00 chs.

Oct. 27: At this cor. we set off
12° 44' S. on the decl. arc: And
at 11° 44' D. M. L. M. L. observe
the sun on the meridian,
the resulting lat. is 38° 33.80' N

C. on a random line

Bet. secs. 10 and 15.

40.00 Set temp. & sec. cor.

79.85 Intersect H. and S. line

At cor. of secs. 10, 11, 14 and 15.

Thence we run:

C. on a true line

Bet. secs. 10 and 15.

Descend through scattering
Cedar and piñon timber,
dense artemesia and scrub
oak.

8.55 Fish Creek 20 ft. wide, pure
water, 6 inns. deep and bottom,
temp. at. depth. same H. 20°C.
H. current

7.00 Cross road

bears H. E. and S. W.

10.00 Top of Conglomerate ledges.

1 ft. high bear H. E. and S. W.

thin boulders and stony soil.

15.15 Top of Conglomerate ledges, 150

ft. high, bear H. E. and S. W.

Top of ridge bear H. E. and S. W.

Bottom heavy cedar and piñon

piñon bears H. E. and S. W.

This road.

Subdivision of T. 26 S., R. 5 W. Continued

Chains

39.922

Set a hachy test^o 4x16x12 ins. 18
ins. in the ground, for 4 sec. cor.,
marked $\frac{1}{4}$, S. 10, on N. and 15, on
S. faces:

from which

Pinyon, 4 ins. diam., bears N. 85° W.,
24 lbs. dist., marked $\frac{1}{4}$, S. 10, B. T.

Pinyon, 5 ins. diam., bears S. 45° W.,
45 lbs. dist., marked $\frac{1}{4}$, S. 15, B. T.

41.35

Bottom of draw, coarse S.
Dense rolling land.

66.00

Bottom of ravine, 100 ft. deep,
Course S. E. ascend.

78.00

Leave timber, bears N. W. and
S. E. with dense artemisia.
With scattering cedar and
pinion timber.

79.85

Top Cor. of draw. 9, 10, 15 and 16.
Dense mountainous.
Soil - loamy $\frac{3}{4}$ rd and $\frac{1}{4}$ th Rate.
Timber, Cedar and pinyon,
Mountainous, bound, 79.85 lbs.

N. S. E. W. alt., sees, 9 and 10.

Occasional through dense
artemisia, W. scattering.
Cedar and pinion timber.

8.00

Top of draw, projects E. descend.
Dense, rolling land.

15.00

Wagon road
Bears E. and N.

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ortho
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40.00

Set a hachy test^o 6x12x6 ins.
11 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$, S. 9, on
N. and 10, on C. faces:
from which

Pinyon, 6 ins. diam. bears S. 65° E.
30 lbs. dist., marked $\frac{1}{4}$, S. 10, B. T.

Subdivision of T. 26 S., R. 5 W. Continued

Chains	
See cadastral Vol. 293 page 217	Opinion, 6 ins. diam., bears S. 85° W. 75 lbs. dist. marked at S. 9, B. T.
41.00	Bottom of draw, Course C.
55.00	Leave timber, - bears C. ^{and} W.
73.00	Wagon road bears N. E. and S. W.
76.50	Enter scattering cedar ^{and} pinyon timber, - bears E. ^{and} W.
77.60	Intersect H. bdy. of townships, 5 th Standard Parallel South, N. 89° 30' E. 10. 87 chs. dist. of Standard Cor. of sec. 33 rd and 34, T. 26 S., R. 5 W. which is a tachylite stone, in a mound of stone, marked and witnessed as described by the Surveyor General. This corresponds to retracement. Set a tachylite 8x10x8 ins. 12 ins. in the ground, for closing cor. of sec. 9 ^{and} 10, marked with C.C. . in S. face, and with 3 grooves on E. and W. faces: from which
	D Cedar, 8 ins. diam., - bears S. 35° E. 95 lbs. dist. marked T. 26 S., R. 5 W., S. 10. . . . B. T.
	D Cedar, 18 ins. diam., - bears S. 80° W. 65 lbs. dist. marked T. 26 S., R. 5 W., S. 9. . . . B. T.
	Land rolling. Soil - long 3 rd Rate. Timber Cedar ^{and} pinyon dense undergrowth 77.60 chs. October 27, 1900.

Subdivision of T. 26 S., R. 5 W. Continued.

Claims

- Oct. 28: At 8 A.M., 6.9 m. I went off
88° 30' N. lat. acc. 13° 04' S. on decl.
acc. and determine a true
meridian, with the solar, at
the Cor. of secs. 32 and 33, on the
south side, of the townships.
meridian decided. Since we run
S. 0° 8' W. ult. secs. 32 and 33.
Over broken land, around through
stony aspen fine timber.
24.00 Top of mountain spur, projects
E. - stone, heavy timber, bears
E. and W. descended along E. slope of
mountain ridge, through a
scattering aspen, cedar and
juniper, dense scrub oak
and manzanita.
40.00 Set a track, 10 ft. 6 x 10 x 5 ins. 11 ins.
in the ground, for 1 sec. cor.,
marked $\frac{1}{4}$ S. 32, on W. and 33. on
E. faces; and raise a mound of stone,
2 ft. base, 12 ft. high, $\frac{1}{4}$ of cor.
Pits impracticable.
59.10 Young branch, 1/2 in. wide, 8 ins. dia., canine,
150 ft. up, course N. E. A. secnd.
80.00 Set a track, 10 ft. 8 x 6 ins. 8 ins. in
the ground for Cor. of secs. 28, 29,
32 and 33, marked with 1 notch on S.
and 1 notch on E. edges:
from which
Juniper 8 ins. diam. bears S. 74.11 M. dist.
marked T. 26 S., R. 5 W., S. 32, S. 33, B. T.
Juniper, 8 ins. diam., bears N. 85 W., 2.13 chs.
dist, marked T. 26 S., R. 5 W., S. 29, B. T.
No other trees within limits.
And raise a mound of stone, 2 ft.
base, 12 ft. high, $\frac{1}{4}$ of cor.
Pits impracticable.
Land rolling.
Soil stony. 3rd Rate.

Subdivision of T. 26 S., R. 5 W., Continue

Chains

Timber, Cedar, piñon
aspen and pine.
Dense undergrowth or
heavily timbered 80.00 chs.

- 40.00 C. on a random line, bet. secs. 28³ & 33.
Set. temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line,
at cor. of secs. 27, 28, 33 and 34.
Thence we run
West on a true line
bet. secs. 28 and 33.
Descend through scattering
Cedar and piñon, dense
Artemesia and scrub oak.
21.00 Fish Creek, 20 lks. wide, fine
water, 18 ins. deep, and
Cañon 1000 ft. deep, Course
N. C. ascend.
21.50 Cañon road,
bears N. E. and S. W.
Sec. 293 \$7.00 Spring branch, 1 lk. wide, 1 ins. deep, Course N. E.
page 214 40.00 Set a trachyte testm^t 20 x 10 x 10 ins.,
15 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 28,
on N. and 33, on S. faces:
from which
R. cedar, 3 1/2 ins. diam., bears S. 40° W.
2.15 chs. dist. marked $\frac{1}{4}$ S. 33, B. F.
No other trees within limits.
And raise a mound of
- stone, 8 ft. base, 12 ft.
high, N. of cor.
Pits impracticable.
60.00 Top of trachyte ledges, 150 ft.
high, back N. and S.
80.00 The cor. of sec.
28, 29, 32 and 33.

Subdivision of T. 26 S. R. 5 W. Continued

Chains

- | | |
|--|-----------------------|
| 1200 ft. above bottom of Fish Creek Cañon. | |
| Land mountainous | |
| Sail-stony | 3 rd Rate. |
| Timber cedar and pine | |
| Mountainous land. 80.00 chs. | |

Oct. 28: At this cor. we set off
 13° 0' S. on the decl. acc.
 and at 11⁴⁴' W. l. m. - I.
 observe the sun on the meridian, the resulting
 lat. is 38° 31' N

7.0° 3' N. bet. secs. 28 and 29.
 Ascend through scattering
 aspen and pine, dense at times,
 scrub oak and mahogany
 brush.

30 Top of mountain spur, projects
 C. begin descent along C.

Slope of mountain ridge.

Enter heavy aspen, bear E and W.
 Leave aspen, bear C. and N. Ascend.

Top of spur, projects N. E.

Bottom of ravine, 400 ft. deeper,
 course C. ascend.

Spur, projects S. E. descend.
 Enter rolling land.

Set a trachyte ^{stone} 6x10x6 ins. 11
 ins. in the ground, for sec.

Cor. marked 4 S. 29. on W. and
 28 on E. faces;

from which bear

A aspen, 4 ins. diam., S. 38 chs. dist.
 marked 4 S. 28, S. 29. B. T.

A aspen, 4 ins. diam., W. 180 chs. dist.
 marked 4 S. 29. B. T.

Subdivision of T. 26 S., R. 5 W. Continue

Chrs		
- 80.00	Set a. trachyte stone 6 x 10 x 8 ins. 11 ins. in the ground far cor. of secs. 20, 21, 28 and 29. marked with 2 notches on S. and 4 notches on E. edges: and raise a mound of stone, 2 ft. base, 12 ft. high. N. of cor. Ridge impracticable. Land rolling.	
	Soil - stony	3 rd Rate.
	Timber. Aspen and pine.	
	Dense undergrowth or heavily timbered	80.00 chs.

See notes
Videos
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	C. on a random line bet. secs. 21 and 28.	
40.00	Set stumps. 4 sec. cor.	
80.00	Intersect H. and S. line at cor. of secs. 21, 22, 27 and 28. Thence we run W. on a line - line bet. secs. 21 and 28.	
	Our rolling land, no corol through scattering cedar and pinion. Dense artemesia and oak.	
27.50	Top of spur, projects S. E. descend.	
40.00	Set a trachyte stone 8 x 12 x 6 ins. 8 ins. in the ground, far 1/4 sec. cor. marked 1/4 S. 21 on H. and 28 on S. faces: and raise a mound of stone, 2 ft. base, 12 ft. high. N. of cor. Ridge impracticable.	
52.50	Begin ascent.	...
80.00	The cor. of secs. 20, 21, 28 and 29. Land rolling	
	Soil - stony	3 rd Rate.
	Timber Cedar and pinion.	

Subdivision of T. 26 S. R. 5 W. Continued

Chains

Dense undergrowth 800 rods
 October 28, 1900

Oct. 29 At 8 A.M., I. got t. we set off
 $38^{\circ} 3' N.$ Lat. acc: $13^{\circ} 2' 4'' S.$
 on decl. acc: and determine
 a true meridian with the
 solar. at the cor. of secs.
 20 & 21, 28 and 29.

Thence we run

$11^{\circ} 3' W.$ bet. secs. 20 and 21.

Ascend through scattering
 cedar and pinion, dense scrub
 oak and mahogany.

8.00 Top of ridge, bears H.C. and S. W.
 Leave timber, descend over
 rolling land.

40.00 Set a trachyte stone $2 \times 10 \times 5$ ins. 8
 ins. in the ground, for cor.
 sec. cor. marked, $\frac{1}{4}$ S. 20 on
 W. and 21 on E. faces: and
 raise a mound of stone,
 2 ft. base, $1\frac{1}{2}$ ft. high, H. of cor.
 Pits impracticable.

50.00 Bottom of ravine, 150 ft. deep,
 Course H.C.

65.00 Top of spur, projects H.C.
 Dragon road
 bears H.C. and S. W.

79.50 Set a trachyte stone $30 \times 10 \times 6$ ins.
 22 ins. in the ground, for cor.
 of secs. 16 17 20 and 21, marked
 with 3 notches on S. and 4
 notches on E. edges: and
 raise a mound of stone,
 2 ft. base, $1\frac{1}{2}$ ft. high, H. of cor.
 Pits impracticable

Land rolling

Soil stony

3rd Rate.

Subdivision of 726 S. 11. 59. Cont.

Claims

Timber Cedar and Juniper
Dense undergrowth. 20.00 chs.

	C. on a random line bet. secs. 16 and 21. Set - temp. 4 sec. cor. Intisect - It. and S. line at cor. of secs. 15, 16, 21 and 22. Thence euc. line W. on a true line bet. secs. 16 and 21. Over rolling land. Ascend through sometimes a dense scrub oak.
4.00	Bottom of ravine, 100 ft. deep. Course It. C. Enter scattering cedar and juniper timber.
40.00	Set a brachy test 6x10x6 in. 11 in. in the ground. for 4 sec. Cor. marked 4 S. 16 on It. and 21 on S. faces: from which bears A cedar, 16 ins. diam. S. 45 C. 1.50 chs. dist. marked 4 S. 21. B. 7. No other tree within limits. And raise a mound of stones. 2 ft. base, 1 ft. high. H. of cor. Pile impracticable.
47.00	Enter heavy cedar and juniper timber. bears It. and S.
55.00	Leave timber. bears H. and S.
59.00	Top of mountain ridge, bears It. 10.0 and S. 10. W. descend.
69.00	Bottom of ravine, 200 ft deep. course It.
78.00	Wagon road. bears It. C. and S. H.

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Subdivision of T. 26 S. R. 5 W. Continued

Chains		
80.00	The cor. of secs. 16, 17, 20 and 21. Land rolling. Soil stony.	3 rd Rate.
	Timber. Cedar and pinion. Sparse undergrowth and heavily timbered	80.00 chs.
50	H. C.'s W. bet. secs. 16 and 17. Through dense artemesia and scrub oak.	
40.00	Bottom of ravine, 150 ft. deep. Course H. C. Over rolling land, ascend. Set a brachytecton $8 \times 12 \times 8$ ins. 12 ins. in the ground, for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ S. 17 on W. and 16 on E. faces: and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.	
43.25	Wagon road bears H. C. and S. W. Top of ridge, bears H. C. and S. W. descend.	
58.00	Bottom of draw, course H. C.	
68.00	Top of spur, projects H. C.	
80.00	Set a brachytecton $12 \times 8 \times 6$ ins. 8 ins. in the ground, for cor. of secs. 8, 9, 16 and 17. marked with 4 notches on S. and E. edges: and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.	
	Land rolling. Soil stony	3 rd Rate—
	No timber.	
	Sparse undergrowth	80.00 chs.

Submission of T. L. G. M. & Co. Contd.

Chains	Oct. 29. At this cor. we set off 132.9 ft. on the decl. arc and at 1144 A. M., I. M. to observe the sun on the meridian, the resulting lat. is 38° 33' 30" N.	
Decr. 293 Page 215	40.00	C. on a random line bet. secs. 9 and 16. Set temp. to sec. cor.
	80.00	Intersect H. and S. line. at cor. of secs. 9, 10, 15 and 16. Thence we run
	39.00	W. on a true line bet. secs. 9 and 16. Over rolling land, ascend through scattering cedar and juniper, dense artemesia and scrub oak.
	40.00	Bottom of ravine, 100 ft. deep. Course H. C.
	40.00	Set a trachy lepto $\frac{1}{4} \times 8 \times 5$ ins. 10 ins. in the ground, for to sec. Cor. marked $\frac{1}{4}$ S. 9 on H. and 16 on S. faces. from which bears A pinion 8 ins. diam. 11.40 lbs. dist. marked $\frac{1}{4}$ S. 9. B. T.
	62.00	A pinion, 8 ins. diam. 11.22 lbs. dist. marked $\frac{1}{4}$ S. 16. B. T. Wagon road. Bears H. C. and S. H.
	80.00	Begin descent - leave timber. The cor. of secs. 8, 9, 16 and 17. Land rolling Soil silty 3rd Rate. Timber cedar and juniper. Lush undergrowth 80.00 lbs.

The Collection of Dr. G. H. Shantz Continued

Jan. 11

1873 A lot from Prof. G.
Brewster's collection, consisting
of the following species of Diptera and
one species of Odonata.

~~Stomoxys~~ *musca* Linn.
Scatellina *varipes* Steph.
Culex *trifasciatus* Linn.
Phaonia *caliginosa* Linn.
Chrysotus.

Also a large lot of Diptera from

Prof. Brewster's collection, consisting
of the following species.

Scatellina *varipes* Steph.
Stomoxys *musca* Linn.

Phaonia *caliginosa* Linn.
Chrysotus.

Scatellina *varipes* Steph.
Stomoxys *musca* Linn.

Phaonia *caliginosa* Linn.
Chrysotus.

Scatellina *varipes* Steph.
Stomoxys *musca* Linn.

Phaonia *caliginosa* Linn.
Chrysotus.

Scatellina *varipes* Steph.
Stomoxys *musca* Linn.

Phaonia *caliginosa* Linn.
Chrysotus.

Scatellina *varipes* Steph.
Stomoxys *musca* Linn.

Phaonia *caliginosa* Linn.
Chrysotus.

Scatellina *varipes* Steph.
Stomoxys *musca* Linn.

Phaonia *caliginosa* Linn.
Chrysotus.

Scatellina *varipes* Steph.
Stomoxys *musca* Linn.

Phaonia *caliginosa* Linn.
Chrysotus.

Jan. 12

1873 A lot from Prof. G.
Brewster's collection, consisting

of the following species of Diptera and
one species of Odonata.

Subdivision of T. 86 S. R. 5 W. Continued

chains

with 4 grooves on E. and 2
grooves on W. faces:
and raise a mound of stone,
2 ft. base, 1 $\frac{1}{2}$ ft. high. S. of cor.
Pits impracticable.

Land rolling.

Sail stony? J E Kalt.

Timber Cedar and pinion.

Dense under-growth and

heavy timbered 77.55 chs.

(October 29, 1900)

Oct. 30. At 1-8 A. M. L. m. l. we set off
38° 30' N. on the east sec. line; 13° 44' 6" S
on the west. sec. line; and
determine a true meridian
with the solar, on the south
boundary of the township,
at the cor. of secs. 31 and 32.

Directly described. Thence we run
N. 0° 3' W. bet. secs. 31 and 32.

Over broken stony land,
along the east bank of
Shingle Creek Canon, through
scattering aspen and pine
timber, dense scrub oak.

88.50 Bottom of ravine, 150 ft. deep,
Cor. D.

40.00 Set a trachyte stone 5x10x4 ins. 10
ins. in the ground, for 4 sec.
Cor. marked 4 S. 31 on W. and
32 on E. faces; and raise a
mound of stone, 2 ft. base,
1 $\frac{1}{2}$ ft. high N. of cor.
Pits impracticable.

51.50 Wagon road

bears N. E. and S. W.

- 80.00 Set a trachyte stone 8x10x4 ins.
12 ins. in the ground, for

Subdivision of T. 26 S. R. 5 W. continued

Chains

Cor. of secs. 29, 30, 31 and 32
marked with 1-matches on
S. and 5-matches on E. edges:
from which bear
Aspen 5 ins. diam. H. 80 ft. 26 lbs. dist.
marked T. 26 S. R. 5 W. S. 29. 13. T.
Aspen, 7 ins. diam., S. 60° W. 32 lbs. dist.
marked T. 26 S. R. 5 W. S. 32. 13. T.
Aspen, 10 ins. diam., S. 80° W. 56 lbs. dist.
marked T. 26 S. R. 5 W. S. 31. 13. T.
Aspen, 6 ins. diam. H. 50 W. 98 lbs. dist.
marked T. 26 S. R. 5 W. S. 30. 13. T.
This cor. is 800 ft. below
the cor. of secs. 31 and 32.
Land main timber.

Soil story	4th Rate.
Timber 8.5 feet and fine.	
Mann timber land	80.00 chs.

E. on a rounded hill
bet. secs. 31 and 32.

Set stump to inc cor.

Intersect Rd. and S. line.

at cor. of secs. 31, 32, 33 and 34.

Thence due west.

If on a hill side

bet. secs. 31 and 32.

Over rolling land, 200-250 ft.
through heavy aspen and
fine timber.

Set a triachytic st. 13 x 8 ins.

12 ins. in the ground, far to
sec. cor. marked $\frac{1}{4}$ S. 29. on E.
and 32 on S. faces; from which

Aspen, 4 ins. diam. bears S. 20° E. 32
lbs. dist. marked $\frac{1}{4}$ S. 32. 13. T.

Aspen, 3 ins. diam. bears H. 30 W. 46
lbs. dist. marked $\frac{1}{4}$ S. 29. 13. T.

so called
Hedge
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Subdivision of T. 26 S. R. 5 W. Continue

Chains

- 57.00 Top of mountain ridge
bears N.E. and S.C. descended.
66.40 Wagon road
bears N. and S.
67.00 Begin steep descent into
Shingle Creek Canon.
- 80.00 The cor. of secs. 29, 30, 31 and 32.
Land rolling
Soil stony ^{3rd and 4th Rate.}
Timber aspen and pine.
Heavily timbered 80.00 lbs

Oct. 30 At this cor. we set off
13° 49' S. on the decl. acc. and at
11⁴⁴m A. M. L. M. L. observe
the sun on the meridian,
the resulting lat. is 38° 31' N.

- W. on a random line
bet. secs. 30 and 31
40.00 Set tents. $\frac{1}{4}$ sec. cor.
91.28 Intersect W. bdy. of township
at cor. of secs. 25, 30, 31 and 36.
herefore described. Thence we run
E. on a line line
bet. secs. 30 and 31
Over rolling land. descend
through heavy aspen
and pine timber.
46.00 Bottom of ravine, 250 ft. deep
Course N. C.
51.25 Set a trachyte stone 6 x 10 x 5 ins.
11 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 30
on N. and 31 on S. faces:
from which
By aspen, 3 ins. diam. bears N. 17
deg. dist. marked $\frac{1}{4}$ S. 30, B. 7.

Submission of 7.26.8. R. 5 W. Continued

Chains.	<p>Aspen, 4 ins. diam, bears S. Y lobs. dist. marked 4 S. 31 W. 7. Over boulders, ledges and Stony soil.</p>
89.20	<p>Shingle Creek, 5 lbs. wide fine water, 4 ins. deep. and Canon, 1000 ft. deep, Course H.C. as-cencl.</p>
91.28	<p>The cor. of secs. 29, 30, 31 and 32. 1500 ft. below cor. of secs. 25, 30, 31 and 36 on W. body of the townships. Land mountainous.</p>
	<p>Soil. Stony 3rd and 4th Rate. Timber aspen and pine. Mountains land 91.28 chrs.</p>

91.25 W. dist. secs. 29 and 30.	
Over stony soil, descend through heavy aspen, pine and cedar tim. bin.	
5.00	<p>Shingle Creek, 5 lbs. wide, fine water 4 ins. deep. and Canon, 1000 ft. deep, Course H.C. as-cencl.</p>
39.00	<p>Top of rocky spur, 800 ft above bottom of Shingle Creek Canon, projects H.C. Begin steep descent over slide rock, leave timber.</p>
36.00	<p>Spring branch, 1 lb. wide, 2 ins. deep, in ravine, 500 ft. deep, Course H.C. begin steep ascent over slide rock.</p>
40.00	<p>Point for 4 sec. cor. subject to slides, & corner not set.</p>
46.15	<p>Top of steep ascent. Set a hatchyle, ^{stone} 18x18x5 ins. 12.</p>

Subdivision of T. 26 S. R. 5 W. Continue

Chains

	- ins. in the ground, for Witt's Cor. to 4 sec. cor. marked W. C. & S. 30. on W. and 29, on E. faces: from which bear A scub mahogany, 4 ins. diam. H. 80 C. 20 lks. dist. marked W. C. & S. 29. 13. T. A scub mahogany, 8 ins. diam. H. 45 W. 20 lks. dist. marked W. C. & S. 30. 13. T.
47.00	Top of spur, projects E. descend through scattering aspen and scub mahogany. Set a trachylept $4 \times 18 \times 6$ ins. 18 ins. in the ground, for Cor. of secs. 19, 20; 29. 30. Marked with 2 notches on S. and 5 notches on E. edges: from which bear A aspen, 5 ins. diam. H. 65 C. 30 lks. dist. marked T. 26 S. R. 5 W. S. 30. 13. T.
88.00	A aspen, 5 ins. diam. S. 20 C. 10 lks. dist. marked T. 26 S. R. 5 W. S. 29. 13. T. A aspen, 5 ins. diam. S. 20 W. 10 lks. dist. marked T. 26 S. R. 5 W. S. 30. 13. T. A aspen, 5 ins. diam. H. 20 W. 11 lks. dist. marked T. 26 S. R. 5 W. S. 19. 13. T. and - mountainous Soil stony 4 th Rate Timber, Abun fine and cedar Mountainous land, 80.00 chs.
	October 30, 1900

(Oct. 31 121-8 A.M. L. on t. we set off
38° N. on the lat. inc: 14° 0' 4" S.
inc the decl. inc: and determine
a true meridian with the
soil, at the cor. of secs.
19, 26, 29 and 30.
Thence we run

Subdivision of T. 26 S. R. 5 W. Continued

Chains

- C. on a random line
bet. secs. 28 and 29.
Set-temp. $\frac{1}{4}$ sec. cor.
Intersect H. and S. line
at cor. of secs. 20, 21, 28 and 29.
Thence we run.
H. on a true line
bet. secs. 20 and 29.
Ascend through dense
Artemesia, scrub oak and
mahogany over stony
soil.
- 11.00 Top of ridge, bears H.C. and S. Gr.
Descent.
- 21.00 Wagon road,
bears H. and S.
- 30.00 Enter scattering aspen timber
- 40.00 Set a marker. F. stone $2 \times 8 \times 6$ ins.
8 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked, $\frac{1}{4}$ S. 20,
on H. and 29 on S. faces:
from which bear
- A aspen, 6 ins. diam H. 65° E. 23 lbs.
dist. marked $\frac{1}{4}$ S. 20. 13. T.
- A aspen, 4 ins. diam, S. 15° W. 8 lbs.
dist. marked $\frac{1}{4}$ S. 29. 13. T.
- 48.00 Top of Mackyle ridge 100 ft.
high - bear H.C. and S. Gr.
- 56.00 Shingle Creek, 5 mrs. wide, pure
water, 6 ins. deep Course
H. 20° E. and C. on, 800 ft.
deep, Course H. 20° E.
Begin steep ascent.
- 80.00 The cor. of secs. 19, 20, 29 and 30.
Land mountainous.
Soil stony 3rd and 4th Rate.
Timber broken
Mountainous land. 80.00 chs.

Decades
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Subdivision of T. 26 S. R. 5 W. Cont'd

Chains	<p>W. on a random line bet. secs. 19 and 30.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect W. body. of township. at cor. of secs 19, 24, 25 and 30. hitherto described. Thence we run E. on a true line bet. secs. 19 and 30.</p> <p>Run rolling land, descended through heavy aspen and scattering pine timber.</p> <p>Set a trachyte boulder $5 \times 10 \times 5$ ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 19. on N. and 30 on S. faces from which break A aspen, 4 ins. diam, H. 12 mts. dist. marked $\frac{1}{4}$ S. 19, N. T. A aspen, 5 ins. diam, S. 9 mts. dist. marked $\frac{1}{4}$ S. 30, N. T. Leave scattering pine, The cor. of secs. 19, 20, 24 and 30. 1000 ft. below Cor. of secs. 19, 24, 25 and 30 on W. body. of township. Land mountainous.</p> <p>Soil stony 3rd Rate Timber aspen and pine. Mountainous land. 91.18 obs.</p> <p>(Oct. 31) At this cor. we set off 14.08' S. on the decl. arc: and at 11^h 44 M., l. M. t, observe the sun on the meridian, the resulting lat. is 38° 32' N</p>
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H. 0° 3' W. bet. secs. 19 and 20.
Ascend through dense
aspen scrub oak and

Subdivision of T. 9 R. 8. 16 S. 4000 ft elevation

Chains.	
7.00	Scattering aspen-timber. Top of spur, projects E.
40.00	Descend over rolling branch. Set a brachy tree 7x18x8 ins. 12 ins. in the ground, for 4 sec. cor. marked T. S. 19. on N. and 20 on E. faces: from which bear A aspen, 4 ins. diam. H. 45° C. 10 lbs. dist. marked T. S. 20, 13. T.
44.00	A aspen, 5 ins. diam. H. 65° H. 12 lbs. dist. marked T. S. 19, 23. T. Spring branch, coarse. C. 11th wide.
47.00	Ascend. leave aspen-timber Top of Spur, projects E. Descend, through Scrub mahogany.
80.00	Set a brachy tree 7x18x10 ins. 12 ins. in the ground, for Cor. of secos. 19, 18, 19 and 20. marked with 3 notches on S and 5 notches on E. edges: from which bear A scrub mahogany, 14 ins. diam. H. 15° C. 10 lbs. min. t. marked T. 26, S. 18. 5 H. 8. 17. 1. T.
	A scrub mahogany, 6 ins. diam. S. 10° C. 20 lbs. dist. marked T. 26. S. 17. 3 H. 8. 1. 20, 15. T.
	A scrub mahogany, 10 ins. diam. S. 40° H. 45° 11 lbs. dist. marked T. 26. S. 18. 5 H. 8. 19. 13. T.
	A scrub mahogany 3 ins. diam. H. 40° H. 45° 11 lbs. dist. marked T. 26. S. 17. 5 H. 8. 18. 13. T.
	Land rolling. Soil stony 3 rd Rate Timber, sparse. Dense undergrowth 10 lbs.

Subdivision of T. 26 S. R. 5 W. Land

Chains

	C. on a iron stone line bet. secs. 17 and 20.
40.00	Set - temp. to sec. cor.
20.00	Intersect. It. and S. line at cor. of secs. 16, 17, 20 and 21. Thence we run
	W. on a line line bet. secs. 17 and 20.
	Through dense oak bushes.
50	Bottom of ravine, 150 ft. deep. Course It. C. Ascend through dense oak and mahogany bushes.
13.50	Top of ridge, bear N.E. Wagon road. Bears It. and S.
	Begin steep des. cont.
36.00	Shingle Creek: 5-lbs. wide, fine water, 6 ins. deep, and Canyon, 800 ft. deep, Course It. 15° C. begin. ascent.
40.00	Set a brachytet 4x11x7 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked to S. 17 on It. and 20 on S. faces: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high; It. of cor. Was impracticable.
	Class. - broken land.
30.00	Take cor. of secs. 17, 18, 19 and 20. Land mountainous. Soil stony. - 3 $\frac{1}{2}$ and 4 $\frac{1}{2}$ Rds. No timber.
	Mountainous land, 80.50 chs.
	(October 31, 1900.)

Nov. 1: At 8 A. M. I. on it, we
set off 38° 33' N on the lat arc;
14° 23' S. on decl. arc; and

Subdivision of T. 2 S. 8. R. 5. M. continued.

Cham.

Determine a line meridian with the Solar. at the cor. of secs. 17, 18, 19 and 20.

Hence we run
E. on a random line.
bet. secs. 18 and 19

Set timber & sec. cor.

Intersect W. bdy. of township,
at cor. of secs. 18, 18, 19 and 24.
Hence described. Hence we run
E. on a random line. bet.
secs. 18 and 19.

Run rolling land, descend
through heavy aspen timber
Leave aspen stone H. and S.

Enter scattering cedar, juniper
scrub, mahogany, dense
aspen and rock brush.

Set a stake at 45° 18' 8. ins. 15
in. in the ground, for 4.
sec. cor., make bet. S. 18, on
H. and 19 on S. faces
from rock - bears

A scrub mahogany timber down.
H. 83° E. 10 lbs. dist.

marked 4 S. 18, 13. 7.

No other trees within limits.
And leave a mound of stone,
2 ft. base, 12 ft. high, H. of cor.
Pits impracticable.

Bottom of ravines 100 ft. deep
course. N. C.

The cor. of secs. 17, 18, 19 and 20
800 ft. below cor. of secs. 13, 18, 19
and 24 on W. bdy. of township.
Land mountainous.

Sail stony 3rd Rate.
Timber, aspen, cedar and juniper.
Mountainous land. 91.05 lbs.

Subdivision of T. 26, S. R. 5 W. Contd.

Chains

- W. 1' 3" W. dist. secs. 17 and 18.
Descend through dense
artimesia, scrub oak,
scattering cedar, piñon and
scrub mahogany
- 10.00 Spring branch, 1 ft. wide, 2 ins. deep,
in ravine, 150 ft. deep. Course
N. C. ascend.
- 16.00 Top of talus slope 30 ft.
high, bear E. and W.
- 20.00 Top of spur, projects E.
Leave timber, descend.
- 40.00 Set a talus ^{stone} ~~stone~~ 2 x 12 x 12 ins. 8
ins. in the ground, for $\frac{1}{4}$
sec. cor., marked with 4 S. 18,
on W. and 17 on E. faces; and
raise a mound of stone, 2
ft. base, 1 $\frac{1}{2}$ ft. high. W. of cor.
Pits impracticable.
- Our broken land.
- 69.30 Bottom of ravine, 250 ft. deep
Course E. ascend
- Enter heavy cedar and piñon
timber bears E. and W.
- 75.50 Leave timber bears E. and W.
- 80.00 Set a talus ^{stone} ~~stone~~ 12 x 8 x 6 ins.
8 ins. in the ground, for
Cor. of secs. 7, 8, 14 and 15,
marked with 4 notches on
S. and 5 notches on E. edges;
and raise a mound of stone,
2 ft. base, 1 $\frac{1}{2}$ ft. high. W. of cor.
Pits impracticable
- Sand rolling.
- Soil stony, 3rd Rail.
Timber cedar and piñon,
Leave undergrowth or
heavily timbered. 80.00 Chs.

Submission of T. 26 S., R. 5 W. Continued

Chains	
	C. on a random line bet. secs. 8 and 17.
40.00	Set temp. & sec. cor.
90.10	Intersect H. and S. line, 7 chs. S. of cor. of secs. 8, 9, 16 and 17. Thence we run S. $89^{\circ} 55' W.$ on a true line bet. secs. 8 and 17.
16.50	Descend through dense artemesia. Shingle Creek, 6 chs. wide, part water, 5 ins. deep, and Canon 250 ft. deep, coarse N.C. Ascend through scattering cedar, piñon and dense scrub oak.
35.00	Leave timber.
40.05	Set a stachyidome, 2 x 9 x 6 ins. 8 ins. in the ground, for to all cor. marked S. S. on H. and 17 on S. faces; and raise a mound of stone, 2 ft. base. 1½ ft. high, 42. of cor. Pits impracticable.
80.10	Over rolling land The cor. of secs. 7, 8, 17 and 15. 600 ft. above bottom of Shingle Creek Canon. Lowell mountainous. Soil, stony. 3 rd Rate Timber, cedar and piñon Mountainous land and dense undergrowth. 80.10 chs.
	Nov. 1: At this cor. we set off 14° 28' S. on the decl. arc; and at 11 44 A.M. I. on it, observe the sun on the meridian, the resulting lat. is $38^{\circ} 35' 30'' N.$

Subdivision of T. 26 S. R. 5 W. Cont.

Chains

- W. on a random line
bet. secs. 7 and 18.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
90.85 Intersect W. bdy. of township
5 hrs. S. of cor. of secs.
7, 12, 13 and 18. heretofore described.
Thence we run
S. $89^{\circ} 58' E.$ on a true line
bet. secs. 7 and 18.
Over boulders, stony & broken
land, through dense
scrub oak and mahogany
bushes.
44.60 Snow Creek, 3 hrs. wide,
pure water, 4 ins. deep,
Course N. C.
800 ft. below cor. of secs.
7, 12, 13 and 18 on W. bdy. of Twp.
Leave mahogany land
boulders, ascend through
dense scrub oak.
50.85 Set a trachyte $6 \times 9 \times 5$ ins., 11
ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 7, on
N. and 18 on S. faces; and
raise a mound of limestone,
2 ft. base, 1 $\frac{1}{2}$ ft. high, H. of cor.
This impracticable.
77.80 Top of mountain ridge
Leaves N. E. and S. W.
descend along south slope
of mountain ridge.
90.85 The cor. of secs. 7, 8, 17 and 18.
Land mountainous
Soil stony. 3rd and 4th Rate.
No timber
Mountainous land and
dense undergrowth 90.85 hrs.

Subdivision of T. 26 S. R. 5 W. Continued.

Chains	W. 0° 3' W. bet. secs. 7 and 8. Ascend through dense artimesa and scrub oak.
28.50	Top. of mountain ridge. Bear S. W. and N. C. Begin descent.
40.00	Set a porphyry stone, 16x12x4 ins. 11 ins. in the ground, for 1 sec. cor. marked 1/4 S. 7° on W. and 8° on E. faces: And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, Jr. of cor. Pits impracticable.
46.00	Snow Creek, 4 ltrs. wide, pure water, 4 ins. deep, and Canon 300 ft. deep, Course N. 80° C. Ascend Enter scattering cedar and pinion timber
52.00	Leave timber.
57.50	Intersect Standard Parallel South, East. 10.60 chs. of Standard Cor. of secs. 31 and 32. T. 25 S. R. 5 W. which is a trachyte stone 6x12x8 ins. above the ground, marked as described by the Surveyor General. This corresponds to the relocation. Set a trachyte 2x8x6 ins. 8 ins. in the ground, for closing cor. of secs. 7 and 8. marked C. C. on south face, with 5 grooves on E. and 1 groove on W. faces: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high Jr. of cor. Pits impracticable.

Subdivision of T. 26 S. R. 5 W. Conclude

Land mountainous.

Soil stony 3rd Rate.

Timber, Cedar and Juniper.

Mountainous land and dense undergrowth. 77.50 lbs.

November 1, 1900

General Description

This township is entirely mountains and the soil is generally stony.

It is situated on eastern slope and north east portion of the Tushar mountains.

The altitude ranging from about 6000 to 8000 ft, and the surface is badly broken by canyons and ravines, which are deep and the sides steep.

In places this township is covered with groves of aspen and pine or cedar and juniper timber, and is generally covered with a growth of dense undergrowth and mountainous grasses, making it an excellent range.

The township is well watered by Mill, Fish, Shingle and Snow creeks, and by numerous small streams and springs.

There are mining claims in secs. 35 & 36, but no sufficient indications of mineral to return others sec. in the P. as mineral land. There are no settlers in this township.

Hubert D. Payler

Harry Erwin.

1st D. I. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

, Chainman.

, Chainman.

, Moundman.

, Moundman.

, Axman.

, Axman.

, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all these parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

, Chainman.

, Chainman.

, Moundman.

, Moundman.

, Axman.

, Axman.

, Flagman.

Subscribed and sworn to before me this _____

day of _____, 189 _____



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John C. H. [Signature], United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from the United States Surveyor General for surveying and marking out a tract of land in the State of [redacted] bearing date [redacted], I have well, faithfully, and truly, in my power, and in strict conformity with the instructions contained by the United States Surveyor General in the Manual of Surveying Instructions and the laws of the United States, executed all those parts or portions of

([Signature]) of the
Survey of [redacted] in the [redacted] which are represented by my field notes as having been made by me, and under my direction; and I do further solemnly swear that all the errors of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions and the special written instructions of the United States Surveyor General for [redacted] and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1866.

United States Deputy Surveyor

Subscribed by me, [Signature], and sworn to before me,

this 1st day of [redacted] A.D. 1892.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Washington, D.C., June 1902.

The foregoing field notes of the survey of the subdivision of territory in [redacted] held by [redacted] & [redacted] of the [redacted] and [redacted] [redacted]

number [redacted] date [redacted] 1892, having been carefully examined, and the necessary corrections and explanations made, the said field notes, as above set forth, are hereby approved.

Edward H. Holden
United States Surveyor General

I certify that the foregoing transcript of the field notes of the aforesaid survey has been carefully copied from the original notes on file in this office.

X.B.B.

FIELD NOTES

OF THE SURVEY OF THE

*Fifth Standard**Parallel South**through**Range No. 6 West*

*of the Salt Lake base and Meridian,
In the State of Utah*

AS SURVEYED BY

*Hubert D. Page and Harry Erwin, United States Deputy Surveyor,
Under his Contract No. 737; dated November 24th, 1899*

Survey commenced November 3rd, 1899

Survey completed November 3rd, 1899

6-151

*5 Standard Rigs 2-60-50 ✓
3-40 ✓
closed.*

NAME AND DUTIES OF ASSISTANTS.

Harvey D'Frisch	Chairman
Herbert Price	"
Ossor M. Allred	"
	,
Newark S. Dawson	
Henry John Mackey	mound man
Joseph A. Lott	"
Henry John Mackey	aiman
Joseph A. Lott	"
Ossor Allred	flag man.

BOOK A-285

INDEX DIAGRAM.

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, Harvey D. Price, Herbert Price, Orson M. Allred, and ^{Henry} Mackay, S.C.

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level + chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; + we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

the 5th Standard Parallel south through R. 6th W. of the Salt Lake base meridian, state of Utah.

Harvey D. Price Herbert Price, Chainm.
Orson M. Allred Harvey S. Damon, Chainm.

Subscribed and sworn to before me this 3rd
day of October, 1800. }



We, Henry John Mackay and Joseph A. Lott

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

the 5th Standard Parallel south through R. 6th W. of the Salt Lake base meridian, state of Utah.

Henry John Mackay, Moundm.
Joseph A. Lott, Moundm.

Subscribed and sworn to before me this 3rd
day of October, 1800. }



We, Henry John Mackay and Joseph A. Lott

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn and other duties, according to instructions given us, to the best of our skill and ability, in the survey

the 5th Standard Parallel south through R. 6th W. of the Salt Lake base meridian, state of Utah.

Henry John Mackay, Axm.
Joseph A. Lott, Axm.

Subscribed and sworn to before me this 3rd
day of October, 1800. }



I, Orson Allred, do solemnly swear that I will well and t. perform the duties of flagman according to instructions given me, to the best of my skill and ability, in t. survey of

the 5th Standard Parallel south through R. 1st W. of the Salt Lake base meridian, state of Utah.

Orson Allred, Flagma.

Subscribed and sworn to before me this 3rd
day of October, 1800. }



Herbert D. Price
U.S. Deputy Surveyor

Fifth Standard Parallel South, through R. 6 N.

Chains

Survey commenced

November 3rd 1900.

and executed with the instrument described in book "Z"

of his survey.

This line is a continuation of the line established at the Standard C.R. of T. 25 R.S. 6th N. for the resurvey of the 5th Standard Parallel South.

\$1

S. 89° 59' E.

On the tangent, S. of sec. 32

Ascending over rolling land, through dense artemesia and scattering cedar & pinion

Difference between measurements of 40.00 chs. by two sets of chain men is 6 lbs.

Position of middle point

By 1st set. 40.03 chs.

By 2nd set. 39.97 chs.; the mean of which is

40.00 ft. from 1st tangent.
set in black tile 11 x 10 x 6 ins.
10 ins. in the ground, for
standard 1st sec. cor. marked
S.C. 1/4 S. 37th raised a mound
of stone. 2 ft. base, 1 ft. high
N. & S. Pits impracticable.

Ridge, near N. E. S. 1/4 N.

Difference between measurements of 80.00 chs. by two sets of chain men is 10 lbs.

Position of middle point

By 1st set 79.95 chs.

By 2nd set 80.05 chs. the mean

Standard Parallel South, through R. 6 N. continue

Chains	
80.00	<p>of which is 27.17 ft. from the tangent. Set a trachyte stone ³ $5 \times 10 \times 5$ ins. 10 ins. in the ground, for Standard cor. of secs. 32nd 33. Marked S.C. on N. with 4 grooves on the E. and 2 grooves on the W. faces, raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable. Land rolling soil stony ^{3rd} plate. Timber, scattering cedar ^{and} pinon. Dense ^{and} pending growth 80.00 chs.</p>

5.50	<p>\$ 89° 58' E. on the tangent S. of sec. 33. Ascending through dense at times ^{and} oak brush. Popofidge, bears N. ^{and} S. Difference between measure- ments of 40.00 chs. by two sets of chain men. is 6 lbs. Position of middle point By 1st set 40.03 chs. By 2nd set 39.97 chs. the mean of which is.</p>
40.00	<p>Mr. 33 2 ft. from the tangent set a trachyte stone ³ $3 \times 8 \times 5$ ins. 9. ins. in the ground, for Standard $\frac{1}{4}$ sec. cor. marked S.C. $\frac{1}{4}$ S. 33 on N. face, raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable</p>
75.00	<p>Cove creek ^{and} canon 800 ft. deep. Creek dry. Course N.</p>

Standard Parallel South, through R. 6 N. continued

chains

Difference between measurements of 80.00 chs. by two sets of chain men is 10 lbs.

Position of middle point

By 1st set 80.05 chs.

By 2nd set 79.95 chs.; the mean of which is.

80.00 Rd. 4.78 ft. from the tangent set a trachyte ^{size} $14 \times 10 \times 6$ ins. 9 ins. in the ground, for standard cor. of sec. 33rd 34. Marked S.C. or N. with 3 grooves on the E. and W. faces. raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. No. of cor.

Pts impracticable
Land, mountainous
Soil, stones 3rd rate.
No timber.

Dense undergrowth 80.00 chs.

November 3rd

At this cor. I've set off 1505' S. on decl. ark; and at 11h.44m. A.M. l. m.t., observe the sun on the meridian. The resulting lat. is $38^{\circ}36'N.$

S. 89⁵⁷' E.

On the tangent S. of sec. 34.
Ascending,

through dense alimosa and oak brush

900 Ridge, bears N. $\frac{1}{2}$ S. and trachyte
Cliffs 5 off high bear N. $\frac{1}{2}$ S.
descend enter scattering Mahogany.

5th Standard Parallel South, through R. 6, 7th. Continue

Chains	Difference between measurements of 40.00 chs. by two sets of chain-men is 4 lbs. Position of middle point By 1 st set 40.02 chs. By 2 nd set 39.98 chs.; the mean of which is.
4000	R. 650 ^{ff} . from the tangent set a trachyte $\frac{1}{2} \times 10 \times 4$ ins. 8 ins. in the ground for standard $\frac{1}{4}$ sec. cot. marked S.C. $\frac{1}{4}$ S. 34.000 N. face, raised a mound of stone 2 ft. base; $1\frac{1}{2}$ ft. high N. of cot. Pits impracticable
- 6050	Difference between measurements of 60.50 chs. by two sets of chain-men is 6 lbs. Position of middle point By 1 st set 60.53 chs. By 2 nd set 60.47 chs; the mean of which is N. 7.49 fd. from the tangent intersect N. bdy. of S. 25 S., R. 5 N. 340 chs 5 off the cot. of Secs. 25, 30, 31 and 36, which is a trachyte $\frac{1}{2} \times 8 \times 6$ ins. firmly set and marked as described by the Surveyor General. Set a trachyte $\frac{1}{2} \times 8 \times 6$ ins 9 ins. in the ground for standard Closing Cot. off S. 25 and 36, R. 6 N. marked C.G. off N. S.G. on N. with 6 grooves on the N. S. and N. faces. Raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cot. Pits impracticable

Standard Parallel, South, through R. 6 N., concluded.

Land, rolling	3 rd page
Soil, stony	
No timber	
Dense under growth.	60.50 chs.
	November 3 rd , 1900.

For general description see
book of subdivision.

Hubert D. Page,
Harry Enrich.
U.S. Deputy Surveyors.

There being no Notary public
or other officer authorized
to administer oaths, at the
beginning or ending of this
Survey, in order to save
time and expense, I ad-
ministered the preliminary
and final oaths myself

Hubert D. Page,
U.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____ }

day of _____, 189 }



296.291
BUA/14

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Ervin, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blais, bearing date of the United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Griffith Standard Parallel, South, through Range 6 N. of Salt Lake.

base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Ervin
United States Deputy Surveyor.

Subscribed by said Harry Ervin, and sworn to before me }
this 25th day of May, 1901, A.D. }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of

executed by, under his contract No., dated, 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Ervin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of 5th Standard Parallel South through R. 6th of the Salt Lake base Meridian, State of Utah, showing the respective capacities in which they acted:

Harvey D. Fries Herbert Price, Chainman.
Orson M. Allred Newark J. Dawson, Chainman.
Henry John Mackay, Moundman.
Joseph A. Gott, Moundman.
Henry John Mackay, Axman.
Joseph A. Gott, Axman.
Orson Allred, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Ervin, United States Deputy Surveyor, in surveying all those parts or portions of the 5th Standard Parallel South through Range 6th of the Salt Lake base Meridian, State of Utah.

Harvey D. Fries Herbert Price, Chainman.
Orson M. Allred Newark J. Dawson, Chainman.
Henry John Mackay, Moundman.
Joseph A. Gott, Moundman.
Henry John Mackay, Axman.
Joseph A. Gott, Axman.
Orson Allred, Flagman.

Subscribed and sworn to before me this 21st day of November, 1800 }
{ Hubert D. Page,
U.S. Deputy Surveyor.



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor,
solemnly swear that, in pursuance of a contract received from
United States Surveyor General for _____, bearing date of
24th day of November, 1899, I have well, faithfully, and truly, in my
proper person, and in strict conformity with the instructions furnished by the United States Surveyor
General for Utah, the Manual of Surveying Instructions, and the laws of the
United States, surveyed all those parts or portions of 5th Standard Parallel
South, through R. 6 N.

of the Salt Lake
base and meridian, in the State of Utah, which are represented in
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly
swear that all the corners of said survey have been established and perpetuated in strict accordance with
the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor
General for Utah; and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page

United States Deputy Surveyor

Subscribed by said Hubert D. Page, and sworn to before me }
this 25th day of May 1901, 1899 }

SEAL

Edward Henderson
U. S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 3, 1902, 1899

The foregoing field notes of the survey of The Fifth Standard Parallel
South, Township 25 South, through Range 6 West
of the Salt Lake Base Meridian, Utah

executed by Hubert D. Page and Harry Brown
under his contract No. 232, dated November 24, 1899, 1899, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward Henderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in
_____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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BOOK A-285

FIELD NOTES

OF THE SURVEY OF THE

South
boundary
of
Township No. 26 South
Range No. 6 West.

of the Salt Lake base and Meridian,
In the state Utah.

AS SURVEYED BY

Hubert D. Page and Harry Erwin, United States Deputy Surveyors
then
Under his Contract No. 737, dated November 24th, 1899

Survey commenced November 11th, 1899
Survey completed. " 17th, 1899

6-101
 2m. obs. Min
 So - Poly - ing 3-60-77 ✓

NAMES AND DUTIES OF ASSISTANTS.

Harvey S. Fisch chairman

Newark S. Dawson "

Otis S. Allen moundsman

Orson Allred alman

Orson Allred flagman

BOOK A-285

INDEX DIAGRAM.

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, Harvey D. Frish and Newark S. Dawson

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey
South bdy. 7th S.R. 6th N. of the Salt Lake baseth meridian, in the state of Utah.

Harvey D. Frish, Chainman
Newark S. Dawson, Chainman

Subscribed and sworn to before me this 4th
 day of November, 1890 }



I, Orie J. Allen

Hubert D. Page
 U.S. Deputy Surveyor

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey
South bdy. 7th S.R. 6th N. of the Salt Lake baseth meridian, in the state of Utah.

Orie J. Allen, Moundman

Moundman

Subscribed and sworn to before me this 4th
 day of November, 1890 }



I, Orson Allred

Hubert D. Page
 U.S. Deputy Surveyor

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey
South bdy. 7th S.R. 6th N. of the Salt Lake baseth meridian, in the state of Utah.

Orson Allred, Axeman

Axeman

Subscribed and sworn to before me this 4th
 day of November, 1890 }



I, Orson Allred

Hubert D. Page
 U.S. Deputy Surveyor

do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of South bdy. 7th S.R. 6th N. of the Salt Lake baseth meridian, in the state of Utah.

Orson Allred, Flagman

Subscribed and sworn to before me this 4th
 day of November, 1890 }



Hubert D. Page
 U.S. Deputy Surveyor

South boundary of T. 26 S., R. 6 W.

Survey commenced

November 4th 1900.

and executed with a H. & L. C.
Gurley light mountain transit,
No. - with solar attachment.

The horizontal limb is
provided with two opposite
 verniers reaching to one
 minute of arc, which is also
 the least count of the
 verniers of the latitude and
 declination arcs.

The instrument was examined,
 tested on the true meridian
 at Salt Lake City, found
 correct, and was approved
 by the Surveyor General for
 Utah, June 16, 1900.

We examine the adjustment
 of the transit, and correct
 the level and collimation
 errors; then, to test the
 solar apparatus by comparing
 its indications, resulting
 from solar observations
 made during A. M. and P. M.
 hours with a true
 meridian determined by
 observations on Polaris, we
 proceed as follows:

At the

Cor. of Tp. 26 S., Rs. 5 and 6 W.
latitude $38^{\circ}30' N.$, longitude
 $112^{\circ}32' W.$ set by us Oct. 21, 1900
Nov. 4th: At 4 P.M., l. m. t.
we set off $38^{\circ}30' N.$ on the
 lat. arc: $15^{\circ}25' S.$ on the
 decl. arc: and determine a

South boundary of T. 26 S., R. 6 W. Contin.

Chains

with the solar a true meridian; and mark or point thereof on a stone set firmly in the ground, 5.00 chs. N. of the cor.

Nov. 4th: At 10²⁷ A.M. L. M. we observe Polaris at upper Culinmination in accordance with Manual of Instructions, the True Meridian, falls on the mark established by the solar observation set the stone set 5.00 chs. N. of the cor. which we mark with a cross.

Nov. 4, 1900

Nov. 5: At 8 A.M. L. M. we set off $38^{\circ}30' E.$ on the lat. inc: $15^{\circ}38'S.$ on the decl. inc: and determine a true meridian with the solar; the line thus determined falls on the cross established by the Polaris and p. m. observations.

The solar apparatus by p. m. and A. M. observations, defines position of true meridians at same point as by Polaris observation, therefore we conclude the instrument to be in adjustment.

The magnetic bearing of the true meridian at 7³⁰ A.M. is $17^{\circ}03'E.$ the angle thus determined reduced by the table, page 100, gives the mean mag. decl. $17^{\circ}00'E.$

South boundary of T. 26 S., R. 6 W. Cont.

Chains

We begin at the
Cor. of Th. 26 S., Rs. 5 and 6 W.
heretofore described
Thence we run
West on South body of Tp. and
Sec. 34.

Crossed over rocky soil,
through scattering aspen
and pine timber.

25.50 Top of divide of Tushar
mountains, bears N. 10° E.
and S. 10° W. 9000 ft. above sea level.
Begin abrupt descent.

40.00 Set a trachyte 28x13x6 ins. 2'
ins. in the ground, for 4
sec. cor. marked $\frac{1}{4}$ S. 34, on
N. face:

from which
A pine, 7 ins. diam, bears N. 70° W. 29
ths. chest, marked $\frac{1}{4}$ S. 34, B. T.:
No other trees within limits.
And raise a mound of stone, 2
ft. base, 12 ft. high, N. of cor.
Very impracticable.

64.00 Leave timber enter dense
scrub oak.

71.00 Top of ridge, bears N. E. and S. W.
80.00 Set a trachyte 6x10x4 ins. 11
ins. in the ground, for cor.
of secs. 33 and 34, marked
with 3 notches on C. and W.
edges: and raise a
mound of stone, 2 ft.
base, 12 ft. high, N. of cor.
Very impracticable.

This cor. is 800 ft. below the
top of the divide of
Tushar mountains.

Land mountainous.

Soil stony 3rd and 4th Rate.

South boundary of T. 26 S., R. 6 W. Continue

Chains

Timber, aspen and pine.
Mountainous land, 80.00 chs.

West on South bdy. of Tp.
and sec. 33.

On broken land, descend
through dense scrub oak
and scattering mahogany.

40.00 Set a trachyte ~~lent~~⁶ x 12 x 7 ins. 10
ins. in the ground, for $\frac{1}{4}$
sec. cor., marked $\frac{1}{4}$ S. 33. B. T.
A aspen, 5 ins. diam., bears H. 40 W.
90 lbs. dist, marked $\frac{1}{4}$ S. 33. B. T.

No other bearing trees within limits, and raise a mound of stone,
3 ft. base, 13 ft. high, H. of cor. Pits impracticable.

43.55 Spring branch, 3 lbs wide, 8 ins. deep, Course S. W.

80.00 Set a trachyte ~~lent~~⁶ x 8 x 6 ins.
11 ins. in the ground, for
Cor. of secs. 32 & 33, marked
with 4 notches on E. and 2
notches on W. edges, and
raise a mound of stone,
2 ft. base, 1 $\frac{1}{2}$ ft. high, H. of cor.
Pits impracticable.

Land rolling

Soil is loamy 3rd Rate.

Timber aspen.

Dense undergrowth 80.00 lbs.

Nov. 5; At this cor. we set
off 15 $\frac{1}{3}$ S. on the decl. side:
and at 11 $\frac{1}{4}$ A.M., l. Q.M. b.
observe the sun on the
meridian, the resulting
lat. is 38° 30' N

5

South boundary of T. 26 S., R. 6 W. Continued.

Chains	
	West on South bdy. of Tp. and sec. 38.
9.50	Over broken land, descend through dense scrub oak. Pine Creek, 5 lbs. wide, pure water. 4 ins. deep and Canon, 400 ft. deep! Course N. 80° W. Ascend.
44.85	Top of spur projects N. W. Descend over broken land, along the south bank of Pine Creek Canon.
40.00	Set a trachyte ^{stone} 4x8x5 ins. 10 ins. in the ground, for sec. cor. marked 4 & 5 82. on N. face: and raise a mound of stone, 8 ft. base, 12 ft. high, N. of cor. Ridge impracticable.
51.00	Bottom of ravine, 150 ft. deep. Course N. W.
80.00	Set a trachyte ^{stone} 6x8x6 ins. 11 ins. in the ground, for cor. of secs. 81 and 82. marked with 5 notches on E. and 1 notch on N. sides: and raise a mound of stone, 8 ft. base, 12 ft. high, N. of cor. Ridge impracticable. Land mountainous. Soil S. loamy 2nd Rate. No timber Mountainous land. 80.00 chs.

West on South bdy. of Tp. and sec. 31.

5.00	Over broken land, descend through dense scrub oak, and scattering mahogany. Bottom of ravine, 200 ft. deep,
------	--

South Boundary of T. 26 S., R. 6 W. Continued

Chains

- Course N. W. ascend.
- 35.30 Top of trachyte ledge, 75 ft.
high, - above, N. W. and S. E.
- 40.00 Set a trachyte stone $1\frac{1}{2} \times 11 \times 4$ ins. 10 ins.
in the ground, for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ S. 31, on N. face:
and raise a mound of stones, 2
ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
- 44.00 Top of spur, projects N. W. Ascend
Nov. 6. 1900. we continue the line.
- 66.77 Intersect Guide Meridian,
Tp. 27 S. bet. Rs. 6^{and} 7 W. 12.53 chs. H.
of the temp. cor. of Tps. 26^{and} 27 S., Rs. 6^{and} 7 W.
which we destroy and.
- Set a trachyte stone $1\frac{1}{2} \times 12 \times 5$ ins. 12
ins in the ground, for cor.
of townships. 26^{and} 27 S. Rs.
6^{and} 7 W. marked with 6
notches on N. S. E. and W. edges.
and raise a mound of stones,
2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
- Land mountainous.
- Soil stony 3rd Rate.
- No timber
- Mountainous land and
close undergrowth, 66.77 ins.
Nov. 7, 1900.

Boundaries of T. 16 S., R. 6 W.
Latitudes, Departures ^{and} Closing Errors.

Line designated	True bearing	Distances	Latitudes		Departures	
			N.	S.	E.	W.
5 th Standard Parallel South	West	300.50				300.50 ✓
Guide Meridian						
W. body. Sec. 1	S. 0° 30' W.	80.03		80.03		.70
" " 7	S. 0° 56' W.	80.48		80.47		1.31
" Secs.						
18, 19, 30 and 31.	South	312.87		312.87		
South body.	East	302.90			302.90	
East body.	North	397.16	397.16			
W. body. SEC. 31						
T. 25 S. R. 5 W.	North	76.60	76.60			
Convergency						.39 ✓
			473.76	473.37	302.90	302.90
			473.37			302.90 ✓
Errors in Lat. and Lep.			.39			.00 ✓

For General description, see
book of subdivisions of
T. 16 S., R. 6 W.

Hubert D. Pagan
Harry Erwin,
U.S. Deputy Surveyor

There being no notary public or
other officer authorized to administer
oaths within reasonable distance at
the beginning rendering of the survey
in order to save time and expense
I administered the preliminary and
final oaths myself.

Hubert D. Pagan
U.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____
meridian, _____ of _____, which are represented
the foregoing field notes as having been surveyed by him and under his direction; and that said survey
is been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
general for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

scribed and sworn to before me this _____
day of _____, 1899 }



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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Ennis, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blair, United States Surveyor General for Pelatzy, bearing date of the 24th day of November, 1891, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Pelatzy, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The South Boundary of U.S. S. A. C. W. of the Dalh Lales Wise and meridian, in the State of Pelatzy, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Pelatzy and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Ennis
United States Deputy Surveyor.

Subscribed by said Harry Ennis, and sworn to before me }
this 25th day of May 1901, 1891 }



Edward H. Anderson
A. J. Duray General for Pelatzy

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of

executed by, under his contract No., dated, 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in....., has been correctly copied from the original notes on file in this office.

United States Surveyor General.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page, and Harry Ervin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of South bdy. P. 26 S., R. 6 N. of the Salt Lake base meridian, in the state of Utah, showing the respective capacities in which they acted:

Harvey D. Fish, Chainman.

Newark S. Dawson, Chainman.

Otis S. Allen, Moundman.

, Moundman.

Orson Allred, Axman.

, Axman.

Orson Allred, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Ervin, United States Deputy Surveyor, in surveying all those parts or portions of the South bdy. P. 26 S., R. 6 N.

base and meridian of the Salt Lake in the state of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Harvey D. Fish, Chainman.

Hubert S. Dawson, Chainman.

Otis S. Allen, Moundman.

, Moundman.

Orson Allred, Axman.

, Axman.

Orson Allred, Flagman.

Subscribed and sworn to before me this 9th day of November, 1890 }



Hubert D. Page,
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Herbert D. Page, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Clark, United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of South boundary of 976 S. R. 6 W.

base and meridian, in the state of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Herbert D. Page,

United States Deputy Surveyor.

Subscribed by said Herbert D. Page and sworn to before me }
this 25th day of May, 1901, 1899 }



Edward H. Anderson
U.S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 3, 1902, 1899

The foregoing field notes of the survey of The South Boundary of Township 26 South Range 6 West of the Salt Lake Base & Meridian, Salt Lake.

executed by Herbert Page and Harry Evans under his contract No. 232, dated November 24, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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FIELD NOTES

OF THE SURVEY OF THE

Guide meridian

through
 Township No. 26 South, between
 Ranges No. 6th and 7th West

of the Salt Lake base and Meridian,
 In the State of Utah

AS SURVEYED BY

Albert D. Page, ^{and} Harry Erwin, United States Deputy Surveyors

Under his Contract No. 737, dated November 2dth, 1899

Survey commenced November 6th, 1899

Survey completed November 8th, 1899

Gm height 3.73.87 ✓
 Closing 3.87 ✓

NAMES AND DUTIES OF ASSISTANTS.

Harvey D. Fiss, chairman

Herbert Price

Otis S. Allen

Newark S. Dawson

Orson M. Allred mound man

Orson M. Allred arman

Orson Allred flagman

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21	22	23	24	25	20

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, Harvey D. Page, Herbert Price, Otis S. Allen, and Newark S. Dawson do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of Guide Meridian through T. 26 S., R. 6 E., of the Salt Lake base meridian, in the state of Utah. Harvey D. Page, Chairman. Herbert Price, Chairman. Otis S. Allen Newark S. Dawson, Chairman.

Subscribed and sworn to before me this 5th
day of November, 1890.



Hubert D. Page
U.S. Deputy Surveyor

We, Orson M. Allred, and

do solemnly swear that we will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of Guide Meridian through T. 26 S., R. 6 E., of the Salt Lake base meridian, in the state of Utah.

Orson M. Allred, Moundman.

, Moundman.

Subscribed and sworn to before me this 5th
day of November, 1890.



Hubert D. Page
U.S. Deputy Surveyor

We, Orson M. Allred, and

do solemnly swear that we will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of Guide meridian through T. 26 S., between R. 6 E. and 7 W., of the Salt Lake base and meridian in the state of Utah.

Orson M. Allred, Axman.

, Axman.

Subscribed and sworn to before me this 5th
day of November, 1890.



Hubert D. Page
U.S. Deputy Surveyor

I, Orson Allred, do solemnly swear that I will well and truly

perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Guide Meridian through T. 26 S., between R. 6 E. and 7 W., of the Salt Lake base and meridian in the state of Utah.

Orson Allred
Flagman.

Subscribed and sworn to before me this 5th
day of November, 1890.



Hubert D. Page
U.S. Deputy Surveyor

through Twp. 86 S., Sec. 6, ^{and} 7 I.W.

Survey Committee.

November 6th 1900.

And executed with a H. & Z. C.
Gurley light mountain transit
with solar attachment, No. —

The horizontal limb is
provided with two opposite
runners, reacting to one
minute of arc, which is also
the least count of the
runners of the lat. and decl.
m.s.

At the established cor. of
secs. 7, 12, 13 ^{and} 18. latitude $38^{\circ}34' N.$
longitude $112^{\circ}27' W.$, which is
a flat top, $3 \times 12 \times 5$ ins. above
the ground, firmly set, and
marked and witnessed as
described by the Surveyor
General.

In order to test the solar
apparatus - by comparing
results of observations on
the sun, made during
A.M. and p.m. hours, with
a time correction determined
by observation on Polaris.

The proceed as follows:

November 6 A.M. 4 p.m. L. M. L.
set off $38^{\circ}34' N.$ on the
lat. arc: $16^{\circ}53' S.$ on the
decl. arc: and mark a
point thereof on a stone,
set firmly in the ground,
5.00 Chs. W. of our station.

Tride. Phenomenon
through Tps. 8 & 9, Ms. B. 6th & 7 W. Continued

Nov. 6: Ct-10^m. p.m. l. m. t.
we observe Polaris at
upper culmination in
accordance with Manual
of Instructions.

The true Meridian thus
determined falls on the
mark on the stone, established
by the solar observation,
which we now mark with a cross.

Nov. 6. 1900.

Nov. 7: Ct-8 A. M., l. m. t. we
set off $38^{\circ}34' N$ on the lat. arc:
 $16^{\circ}14' S.$ on the decl. arc: and
determine a true meridian
with the solar: the line
thus determined falls on
the cross established by
the p. m. and Polaris
observations.

The solar apparatus, by
p. m. and A. M. observations
defines position for true
meridian at same point
as by Polaris observation,
therefore, we conclude the
instrument is in
adjustment.

The magnetic bearing
of the true meridian at
45^m 30^s A. M. is H. $16^{\circ}30' W.$
The angle thus determined,
interpolated by the table,
page 100, gives the
magnetic bearing decl.
 $16^{\circ}27' E.$

through Tps. 26 S. bet. Rs. 6^{and} 7 W. Continued.

We begin at the established cor. of secs. 7, 12, 13^{and} 19,
previously described
and make, with two sets
of chainmen

South on a random line
along the west boundary of
Twp. 26 S., R. 6 W. Setting time
4 sec. and sec. corrs. at
intervals of 40.00 chs.

Find at 342.87 chs. intersect
the north edge of Twp. 27 S.
R. 6 W. 3.87 chs. east of
the cor. of Tps. 26^{and} 27 S.

Rs. 6^{and} 7 W. set by us heretofore described.
The falling is not within
the limits and

The intersection falls on a
trachyte boulder 10 x 6 x 4 ft.
above the ground, on
which we cut a cross (x)
at exact point for
closing cor. of T. 26 S., Rs.
6^{and} 7 W. marked C.P.

on it with 6 grooves on
the E. W. and N. S. faces; and
raise a 100 weight of stone,
2 ft. base, 12 ft. high,
H. of cor.

Ridge impracticable.

We destroy the marks
on the previously
established cor. of Tps.
26 and 27 S., Rs. 6^{and} 7 W. which
pertain to Twp. 26 S.

November 7, 1900.

Nov. 8: At 8 A.M., L. M. T. we
set off 38° 30' H. on lat. and

Circular Measuring
through Tps. 86 S., bet. Nos. 6 and 7 W. Continued

	Chained	1.
		16.32 S. on decl. arc: and determine a true meridian with the solar, at the closing cor. of Tp. 86 S., Rs. 6 and 7 W. previously described.
		Thence due north.
		North, bet. secs. 81 and 86.
		Ascend over trachyte boulders through scattering cedar.
5.00		Top of rocky ridge bears E. and W. Leave timber, descend through dense scrub oak.
24.40		Pine Creek, 5 lbs. wide, pure water, 6 ins. deep, and canon, 800 ft. steep. Course N. 85° W. ascend. Enter scattering cedar.
		Difference bet. measurements of 40.00ds by two sets of chainmen, is 4 lbs.: position of middle point:
		By 1 st set 40.02 chs.
		By 2 nd set 39.98 chs:
		The mean of which is
40.00		Set a porphyry stone, 16×12×6 ins. 11 ins. in the ground, for cor. marked $\frac{1}{4}$ on N.W. and 31 on S. faces: and raise a mound of stone, 3 ft. base, 1 ft. high, N.E. of cor.
		It is impracticable.
67.00		Top of ridge, bears N. 70° W. and S. 70° E. Ascend. Leave timber.
		Difference bet. measurements of 80.00 chs., by two sets of chainmen, is 12 lbs.: position of middle point:
		By 1 st set 80.06 chs.
		By 2 nd set 79.94 chs.
		The mean of which is
-90.00		Set a trachyte 73×14×9 ins., 9 ins. in the ground, for cor. of sec. 85, 86, 81 and 86, marked

Uncle Indian

through Thru. & S., bet. As. 6th & 7th W. Continued

Chains

with 1 notch
on S. and 5 notches on N.
edges: And raise a mound
of stone, 2 ft. base, 1 $\frac{1}{2}$ ft.
high, N. of cor.

Pts. impracticable.

Land mountainous.

Soil stony 3rd Rate.

Timber Cedar.

Mountainous land, 8000 chs.

North, - bet. secos. 25 and 30.
descent through dense
scrub oak.

4:25 Bottom of ravine, 300 ft. deep.
Course N. as cert'd.

13:50 Top of ridge, bears N. 85° W.
and S. 85° E. descent.

34:00 Bottom of ravine, 200 ft. deep.
Course N. as cert'd.
Enter scattering cedar.

Difference bet. measurement
of 40.00 chs., by two sets of
chainmen is 14 lbs.

position of middle point.

By 1st set 39.98 chs.

By 2nd set 40.07 chs.

the mean of which is

40.00 Set a trachyte test 2 x 10 x 6 ins.
8 ins. in the ground, for
1/2 sec. cor. marked

1/2 S. on N. and 30. on C.
faces: And raise a mound
of stone, 2 ft. base, 1 $\frac{1}{2}$
ft. high, N. of cor.

Pts. impracticable.

Top of mountain ridge
bears N. W. and S. E. ascert'd.

74:50

Guide Meridian

through Tps. 26 S., Sec. Nos. 10th & 7. It. Contin.

Claims

	Leave timber.
	Difference bet. measurements of 80.00 chs., by two Chasmen, is 18 lbs.; position of middle point. By first set 80.09 chs. By 2 nd set 79.91 chs.: the mean of which is
- 80.00	Set a timber post 13 x 10 x 6 ins. 9 ins. in the ground, for cor. of secs. 19, 24, 25 ^{and} 30. marked with 8 notches on S. and 4 notches on N. edges: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, D. of cor. This impracticable.
	Land mountainous. Soil stony 3 rd Rate. Timber Cedar. Mountainous land, 80.00 chs.
	Nov. 8: Let this cor. ave. set off 16' 36" S. on the decl. acc: land at 11 ⁴⁴ " A. M., L. m. - L. observe the sun on the meridian - the resulting lat. is 38° 32' N.

	North, bet. secs. 19 ^{and} 24. descend through dense oak brush.
- 4.00	North fork of Pine Creek, (now dry) in Canon 400 ft. deep, Course N. W. ascend. Enter scattering cedar and piñon timber.

Circle Meridian

- through Tps. 26 & 8, bet. Rds. 6rd & 7. W. Continued

Chains

Difference bet. measurement
of 40.00 chs., by two sets
of chainmen, is .6 chs.:

Position of middle point -
By 1st set, 39.97 chs.

By 2nd set, 40.03 chs.:

The mean of which is

40.00

Set a trachyte boulder $4 \times 10 \times 8$ ins.
10 ins. in the ground,
for 4 sec. cor. I marked
 $\frac{1}{4}$ S. , on N. and
19. on E. faces:

from which

A fissure, 8 ins. diam., bears
N. 16° E., 28 lbs. dist., marked
 $\frac{1}{4}$ S. 19. , 13. T.

A fissure, 3 ins. diam., bears
N. 15° W., 32 lbs. dist., marked
 $\frac{1}{4}$ S. 24. , 13. T.

53.00

Top of ridge bears E. and W.
Leave timber.

Discend - through dense
at times a scrub
oak.

Difference bet. measurement -
of 80.00 chs., by two sets
of chainmen, is 12 lbs.:

Position of middle point -
By 1st set, 80.06 chs.

By 2nd set, 79.94 chs.:

The mean of which is

80.00

Set a trachyte boulder $4 \times 9 \times 5$ ins.
10 ins. in the ground, for
cor. of secs. 13, 18, 19 and 24,
marked.

and with 9 notches on S.
and N. edges: and raise
a mound of stone, 2 ft.
base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Ridge impracticable.

Chambers

through Twp 36 S., bet. secs. 6 and 7.

Chambers

Soil, mountainous

Soil, stony 34 Rate

Timber Cedar and

Juniper

Grass barren Land

80.00 chs.

6.50

North, bet. secs. 13 and 18.

Over rolling land,
descend through dense
at times, scrub oak.
And scattering cedar and
juniper timber.

Bottoms of ravine, 1.50 ft
deep. Coarse H. W.

Difference bet. measurements
of 40.00 chs. by two sets
of chainmen is 4 lbs.

Position of middle point
By 1st set, 39.98 chs.

By 2nd set, 40.02 chs.

The mean of which is
set a trachyte stone 13 x 12 x 5 ins.
9 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked
1.8. S. on W. end
1.8. on E. face; and
raise a mound of
stone, 2 ft. base, 10 ft.
high, W. of cor.
Rods impracticable.

Difference bet. measurements
of 42.87 chs. by two sets
of chainmen is 1 lbs.

Position of middle point
By first set, 42.86 chs.

By 2nd set 42.88 chs.

The mean of which is

Circle Muscian

through Thos. 26 S., bet. Rs. 6th & 7th R. Concluded.

Chains
72.87

The established line

of Secs. 7, 12, 13rd & 18.

Preciously described.

Land falling

Soil - stony 9th Rule
Timber

Cedar and spruce.

Dense undergrowth, 72.87 chs.

November 8, 1900.

For general description see
Subdivisions of Thos 26 S Pct.

Hubert D. Paye.

Harry Erwin,

U.S. Deputy Surveyor.

There being no notary public or
other officer authorized to
administer oaths, at the
beginning or ending of the
Survey, within reasonable
distance, in order to save
time and expense I administered
the preliminary and final
oaths myself.

Hubert D. Paye
U.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____, showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____, of the _____, meridian, _____, of _____, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____.

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }

████████
O SEAL O
████████

324-111
304-111
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Ewin, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob O. Blair, United States Surveyor General for Delaware, bearing date of the 24 day of January, 1897, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Delaware, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Lucile & Deedie's through S. S. S. between R. 6 & 7 T. R.

Box and meridian, in the State of Delaware, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Delaware and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Ewin
United States Deputy Surveyor.

Subscribed by said Harry Ewin, and sworn to before me }
this 25th day of May 1901, 189 }

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of

executed by _____
under his contract No. _____, dated _____, 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor Gen...

I certify that the foregoing transcript of the field notes of the above-described surveys in _____ has been correctly copied from the original notes on file in this office.

United States Surveyor Gene...

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Guide Meridian 976 S. Lat. 6 deg 7 min. of the Salt Lake base and Meridian, In the state of Utah.

showing the respective capacities in which they acted:

Harvey D. Alist, Herbert Price, Chainman.
Otis S. Allen, Newark S. Dawson, Chainman.
Orson M. Allred, Moundman.
Orson M. Allred, Moundman.
Orson M. Allred, Arman.
Orson M. Allred, Arman.
Orson M. Allred, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the Guide meridian through 976 S.
Lat. R. 6 deg 7 min.

of the Salt Lake
base and meridian, In the state of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Harvey D. Alist Herbert Price, Chainman.
Otis S. Allen Newark S. Dawson, Chainman.
Orson M. Allred, Moundman.
Orson M. Allred, Moundman.
Orson M. Allred, Arman.
Orson M. Allred, Arman.
Orson M. Allred, Flagman.

Subscribed and sworn to before me this 9th day of November, 1890 }



Hubert D. Page
U.S. Deputy Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Charles S. Page, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob L. Blasdell, United States Surveyor General for Utah, bearing date of the 21st day of November, 1897, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the 14th Meridian through Goshen, Utah, R. 6 W. T. 24 S.

of the 14th Meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah; and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Charles S. Page

United States Deputy Surveyor

Subscribed by said Charles S. Page, and sworn to before me
this 25th day of May, 1901, A.D.

○○○○○
O SEAL
○○○○○

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Utah, April 3, 1902.
The foregoing field notes of the survey of the Ecclesie Precinct, Iron County,
26 Sections, Surveyed & run by Jacob L. Blasdell, Surveyor General of the
State of Utah, & Prendergast, Surveyor.

executed by Charles S. Page, U.S. Deputy Surveyor,
under his contract No. 232, dated October 1st, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward M. Steele, Jr.
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in the Ecclesie Precinct, Iron County, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-285

FIELD NOTES

OF THE Reconnaissance SURVEY OF THE

Guide Meridian
 through
 Township No. 46 South.
 Between
 Range No. 6nd & 7 West

of the Salt Lake base and Meridian,
 in the state of Utah.

AS SURVEYED BY

Hubert D. Pace and Harry Ervin, United States Deputy Surveyors
 Under his Contract No. 137, dated November 24th, 1890
 Survey commenced November 9th, 1890
 Survey completed " " , 1890

H. D. Pace M. C. 1890
 Reconnaissance 2-00-51 ✓

NAMES AND DUTIES OF ASSISTANTS.

Harvey F. First, chairman

Herbert Price "

Otis S. Allen "

Newark S. Dawson "

Orson M. Allred moundman

Orson M. Allred admnan

Orson Allred flagman

BOOK A-285

INDEX DIAGRAM.

Township _____, *Range* _____

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, James T. Allred, Herbert Price, Otis S. Allen, Newark S. Davis

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level f chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; t' we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

Guide Meridian through 926 S.R. & 6th W. of the Salt Lake base Meridian, in the state of Utah.

Henry C. Hix - Herbert Price, Chainma
Otis S. Allen Newark S. Davis, Chainma

Subscribed and sworn to before me this 5th
day of November, 1890 }



Herbert D. Page

U.S. Deputy Surveyor

I, Orson M. Allred and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

Guide meridian through 926 S.R. & 6th W. of the Salt Lake base and Meridian, in the state of Utah.

Orson M. Allred, Moundm

, Moundm

Subscribed and sworn to before me this 5th
day of November, 1890 }



Herbert D. Page

U.S. Deputy Surveyor

I, Orson M. Allred and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn

and other duties, according to instructions given us, to the best of our skill and ability, in the survey

Guide meridian through 926 S.R. & 6th W. of the Salt Lake

and Meridian in the state of Utah.

Orson M. Allred, Axme

, Axme

Subscribed and sworn to before me this 5th
day of November, 1890 }



Herbert D. Page

U.S. Deputy Surveyor

I, Orson M. Allred, do solemnly swear that I will well and t

perform the duties of flagman according to instructions given me, to the best of my skill and ability, in

the survey of Guide Meridian through 926 S.R. & 6th W. of the Salt Lake

base and Meridian, in the state of Utah.

Orson M. Allred, Flagm

, Flagm

Subscribed and sworn to before me this 5th
day of November, 1890 }



Herbert D. Page

U.S. Deputy Surveyor

Guide meridian through T. 26 S.

Survey commenced
November 9th 1900.
And executed with the instru-
ment described in
Book "Z"
of this survey.

The knot from
recent observing made
November 5th & 6th

At the standard cot. of T. 25th
No. 8, R. 6th sp. Previously described
and recorded in book "V"
of this survey, the instrument
to be in adjustment.

Preliminary to beginning
the subdivisions of this sp.
The point on the
Guide meridian.

A.t. 11.50 a.m. C.M., C.m.t.,
The set off 38° 36' N. on Lat. acc.
16° 49' S. dist. dist. acc.; and deter-
mine a true meridian with
the plumb.

Thence, the point, with two sets of Chaining,
South on a blank line.
at 4000 chs. We find the old
1/4 sec. cot. sp. 35 chs. dist. which
is a lavender \times 8 \times 6 ins. marked $\frac{1}{4}$ lbs.
loose in a mound of stone.

The course of this pick is there-
fore, S. 0° 30' W.

and at 80.3 chs. We find the
cot. of sect. 16, 17, 35 1/2, which
is a blachytile $\frac{1}{2}$ \times 8 \times 6 ins. above
ground, firmly set, marked and
witnessed as described by the
Surveyor General,

W. T. O. lbs dist. The course of
this line is therefore S. 0° 30' W.

Guide meridian through T. 26 S., R. 6 E., 7 N. cont.

chains.

Thence N.E. continue out placement South.

and at 40.13 chs. N. 65° E.

He finds the $\frac{1}{4}$ sec. col. which is a trachy $1\frac{1}{4} \times 8 \times 6$ ins. in a mound of stone, marked and witnessed as described by the Surveyor General. The course of this line is therefore, S. 0° 56' W.

And at 80.47 chs. N. 13° 15' E.

He finds the old sec. col. which is a trachy $2\frac{1}{2} \times 12 \times 5$ ins. above ground, marked and witnessed as described by the Surveyor General.

The course of this line is therefore. S. 0° 56' W. Distance 80.48

He retraces . . . the Guide meridian as follows:

At the Standard col. of Tps. 25th & 26th S., R. 6th & 7th W.

Previously described

He set off $16^{\circ} 54'$ S. on decl. arc; and at 11. hours a.m. l. m.t., observe the sun on the meridian, the resulting lat. is $38^{\circ} 36' N.$

Thence he runs

S. 0° 38' W. on the Guide meridian bet. secs. 1st & 6.

Over rolling land, through dense timber,

Difference between measurement of 40.00 chs. by two sets of chain men is .10 lbs.

Position of middle point

By 1st set 40.05 chs.

By 2nd set 39.95 chs.; the mean

side, midline through N.E. 1/4 of sec. 17.

chains.

40.00	of which is The old paper. cat. 775, gave me 41.51 on N. bank, faced palisade, ground of stone, 3 ft. base, 14 ft. high. If. of Cen. Pits juniper, a little.
41.00	Ragons road Water N.E. 1/4 S. 775.
58.00	Dry ravine, soft, dry Alone 11.60' of interspersing cedar; Prarie, 150 ft. high.
64.50	Difference between measure- ments of 80.00 ch. by land side of chain, more, is 6 ch.
80.03	Position of middle point By 1st set 80.00 ch. By 2nd set 90.00 ch.; the mean of which is: The cat. 6, 1/2 sec. 16, 77417. Previously described. Sand, rolling Soil, stems, 30 ft. high, 10 ft. Timber, cedar Beneath undergrowth 800 - 1000

5.056' ff.

On the Guido midline
bet. sec. 17 & 18.

Over rolling land, through dense
alluvia, scattering cedar and
pinion.

22.00	Ragons road Water N.E. 1/4 S. 775, with boundary lines
27.00	Spur, projects ff. Difference between measure- ments of 22.00 ch. by line, est. of chain, more, is 5 ft. Position of middle point.

Guide Meridian through T. 26 S., R. 6 E., U. S. A. Y. P. concluded.

chains	
	By 1 st set 40.11 chs. By 2 nd set 40.15 chs.; the mean of which is
40.13	The old 1/4 sec. cor. Previously described.
52.00	Wagon road, bearing E. ^{N.} _{E.}
52.75	tramway from Sulphur bed to mill. bearing N. W. ^{W.} _{E.}
54.00	Wagon road, bearing E. ^{S.} _{E.}
55.15	East Gable of the old sulphur Company's Brick house Post Office 18 x 20 ft.
55.75	Dry river bearing N. W.
	Difference between measure- ments of 80.48 chs. by two sets of chain men is 6 lbs. Position of middle point By 1 st set 80.51 chs. By 2 nd set 80.45 chs.; the mean of which is.
80.48	The old cor. of secs. 7, 12, 13 ^{and 18.} Previously described. Land rolling, Soil stony ^{4th rate} Timber, cedar ^{and} pinion Dense underground ^{and} heavily timbered
	80.48 chs.

November 9th 1900.

In General Description see notes of Subdelegates

Hubert D. Ragin
Harry Erwin.
U. S. Deputy Surveyor

There being no Notary public
or other officer authorized
to administer oaths, within
reasonable distance, at the
beginning or ending of the
Survey, in order to save
time and expense, I ad-
minister the preliminary
and final oaths myself.

Hubert D. Paget
U.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by
..... United States Deputy Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of
..... showing the respective capacities in which they acted:

....., Chairman.

....., Chairman.

....., Moundman.

....., Moundman.

....., Arman.

....., Arman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

....., United States Deputy Surveyor, in surveying all

..... those parts or portions of the

..... of the

..... meridians, of which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for

....., Chairman.

....., Chairman.

....., Moundman.

....., Moundman.

....., Arman.

....., Arman.

....., Flagman.

Subscribed and sworn to before me this }
..... day of , 180 }

████████
███████
████████

350-5
BLAINE

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Evans, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob D. Blaine, United States Surveyor General for Delaware, bearing date of the 25th day of November, 1897, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Delaware, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Baseline Meridian through I 26 S. lot R. 10 of W.

Base and meridian, in the State of Delaware, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Delaware, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Evans
United States Deputy Surveyor

Subscribed by said Harry Evans, and sworn to before me this 25th day of May, 1897.

○○○○○
○ SEAL ○
○○○○○

Edward Henderson
U.S. Surveyor General for Delaware

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of _____

executed by _____
under his contract No. _____, dated _____, 189 _____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Guide Meridian through R. 6 S. bet. R. 6 & 7 N. of the Salt Lake base and meridian, in the state of Utah, showing the respective capacities in which they acted:

Harvey D. Frist, Herbert Price, Chainman.

Otis S. Allen, Newark S. Dawson, Chainman.

Orson M. Allred, Moundman.

, Moundman.

Orson M. Allred, Axman.

, Axman.

Orson Allred, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the Guide meridian through R. 6 S. bet. R. 6 & 7 N.

of the Salt Lake base and meridian, in the state of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Harvey D. Frist - Herbert Price, Chainman.

Allen - Otis S. Allen, Newark S. Dawson, Chainman.

Orson M. Allred, Moundman.

, Moundman.

Orson M. Allred, Axman.

, Axman.

Orson Allred, Flagman.

Subscribed and sworn to before me this 9 day of November, 1890 }

SEAL

Hubert D. Page,
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert L. Page

, United States Deputy Surveyor

solemnly swear that, in pursuance of a contract received from
United States Surveyor General for

Jacob B. Blaisdell

Utah, bearing date of

24th day of June, 1891

I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Guide Meridian through 1st & S. 3 R. 6 M. N. F. T..

..... of the Salt Lake
Town and meridian, in the State of Utah, which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert L. Page

United States Deputy Surveyor

Subscribed by said Hubert L. Page, and sworn to before me }
this 25th day of May, 1891, A.D. }

000000
000000
SEAL

Edward H.uderson
St. Manager General of Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 3, 1902, i.

The foregoing field notes of the survey of the Second Meridian, Troublesome Creek between Range 6 & 7 West of the Salt Lake Base Meridian, Utah, returned to the Surveyor General, having

executed by Hubert L. Page and Harry Evans,
under his contract No. 222, dated November 14, 1897, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward H.uderson
United States Surveyor

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

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BOOK A-285

FIELD NOTES

Re
OF THE SURVEY OF THE

Subdivision
of
Township No. 26 South
Range No. 6. West

of the Salt Lake base and Meridian,

In the state of Utah.

AS SURVEYED BY

Hubert D. Page and Harry Erwin, United States Deputy Surveyors
 Under his Contract No. 237, dated November 24th, 1899

Survey commenced November 10th, 1899

Survey completed. " 1899

6-151

M. Ch. 66-

Resurvey Octo. - High 3-03-00 ✓

NAMES AND DUTIES OF ASSISTANTS.

Harvey Offish Chairman

Newark S. Dawson ..

Hubert Price mound man

Orson Allard axman

Orson Allard flag man

BOOK A-285

INDEX DIAGRAM.

Township....., Range.....

6	5	4	3	2	1
7	8	9	10	11	12
16	17	16	15	14	13
19	20	21	22	23	24
20	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

Harvey D. Heist

Newark S. Dawson

We, Harvey D. Heist and Newark S. Dawson do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we are measuring, to the best of our skill and ability, and in accordance with instructions given us, in the subdivision of D. 76 S., R. 6 W. of the Salt Lake base Meridian, State of Utah.

Harvey D. Heist, Chain.

Newark S. Dawson, Chain.

Subscribed and sworn to before me this

16th

day of August, 1890 }



Herbert D. Page

Herbert D. Page

U.S. Deputy Surveyor

We, Herbert D. Page and Herbert Price do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the subdivision of D. 76 S., R. 6 W. of the Salt Lake base Meridian, State of Utah.

Herbert Price, Mound.

, Mound.

Subscribed and sworn to before me this

16th

day of August, 1890 }



Oscar M. Allred

Herbert D. Page

U.S. Deputy Surveyor

We, Oscar M. Allred and Herbert D. Page do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the subdivision of D. 76 S., R. 6 W. of the Salt Lake base Meridian, State of Utah.

Oscar M. Allred, Ax.

, Ax.

Subscribed and sworn to before me this

16th

day of August, 1890 }



Oscar M. Allred

Herbert D. Page

U.S. Deputy Surveyor

I, Oscar M. Allred, do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of D. 76 S., R. 6 W. of the Salt Lake base Meridian, State of Utah.

Oscar M. Allred, Fla.

Subscribed and sworn to before me this

16th

day of August, 1890 }



Herbert D. Page

U.S. Deputy Surveyor

Survey of Subdivision of T. 26 S., R. 6 E.

Chains.

Survey Commenced
November 10th 1900,
and executed with the instru-
ment described in
book "Z"

of this survey.
We know from
recent observation made
November 5th and 6th

At the Standard Cot. of T. 25
and 26 S., R. 6 E. 7th.

Previously described and
recorded in book "Y"
of this survey, the instrument
to be in adjustment

Preliminarily to beginning
the subdivision of this T. P.

We trace the boundaries
of sec. 7.

At 7h. 50 m. a.m., L.M.T., we
set off 38' 34" N. on Lat. arc: 17° 06'
S. on decl. arc: and determine
a true meridian with the polar.
From the coordinates T. 12, 13 & 18
Thence N. by E. East on the
S. bdy. of sec. 7.

and at 110.30 chs. N. 26 lbs. we
find the old 1/4 sec. cot.

which is a drachy $\frac{1}{2} \times 1 \frac{1}{2} \times 8$
ins. in a mound of stone.
marked as described by the
Surveyor General.

The course of this line is there-
fore N. 89° 38' E.

and at 81.00 chs. N. 52 lbs.

We find the old cot. of sec.
7, 8, 17, 18, which is a drachy $\frac{1}{2}$
 $\times 1 \frac{1}{2} \times 8 \times 3$ ins. above ground.

Subdivision of T. 26 S., R. 6 W. continued

chains and marked as described by the Surveyor General. The course of this line is therefore N. 89° 38' E.

Hence we continue our retracement. North. bet. sec. 7 & 8.

140.00 chs. after diligent search no trace of old 1/4 sec. cor. can be found,

and at 81.70 chs. E. 71 lbs. decl.

We find the old sec. cor.

of secs. 5, 6, 7 & 8. which is a
quartzite $\frac{1}{2}$ 16 x 12 x 12 ins. firmly
set and marked and witness-
nessed as described by the
Surveyor General.

The course of this line is
therefore N. 0° 30' E.

Hence we continue the retracement. North. bet. secs. 6 & 7.
140.00 chs. after diligent search no
trace of the old 1/4 sec. cor. can be
found, and at 80.30 chs. S. 140 chs. We
find the cor. of secs. 1, 6, 7 & 8 previously described.

The course of this line is there-
fore S. 89° 21'.

As some of the cor. are missing
and the courses ^{by} distances
beyond the limits
all the corners must be marked
for sec. 7 only. We resume
the lines as follows:

At the cor. of secs. 7, 12, 13 & 18.
On the N. bdy. of the 1/4 ad the
Guide meridian, previously described.

We set off 17° 05' on decl.
sec. and at 112.00 chs. l. m. l. observe
the sun on the meridian, the
resulting lat. is 38° 31' 11".

Hence we run
N. 89° 38' E. on resurvey line

divisions of T. 26 S., R. 67^E, continued.

Chains	bet. secs. 7 th , 8
50	Ascending over rolling land, through dense artemesia and scattering cedar and pinion.
1100	Ridge, bears N. ^{and} S.
1375	Ravine, 100ft deep course N. Wood road, bears N. ^{and} S.
4030	The old $\frac{1}{4}$ sec. cot. Previously described. Marked $\frac{1}{4}$ S. 7 on N. face, raise a mound of stone 2ft. base, 1 $\frac{1}{2}$ ft. high N. of cot. Pits impracticable.
8100	The cot. of secs. 7, 8, 17 th , 8. Already described, they destroy all marks pertaining to secs. 8, 17 th , 8. ^{Remarks} S.E. cot. sec. 7. Raise a mound of stone 2ft. base, 1 $\frac{1}{2}$ ft. high N. of cot. Pits impracticable, Land rolling Soil, stony ^{3rd} ^{4th} rate Timber, cedar and pinion. Dense undergrowth. 81.00 chs.

1085	N. 0° 30' E. on survey line bet. secs. 7 th , 8. Descending, through dense sage scattering cedar and pinion. After diligent search no trace of the old $\frac{1}{4}$ sec. cot. can be found. Set a marker to $16 \times 10 \times 5$ ins. 11 ins in the ground for re-established $\frac{1}{4}$ sec. Cot. marked $\frac{1}{4}$ S. 7 on N. face raised a mound of stone 2ft. base, 1 $\frac{1}{2}$ ft. high N. of cot. Pits impracticable
4600	Ravine 60ft deep. course S. 70° W. ascend
8170	The old sec. cot.

Subdivision of 9.26 S. R. 6 sp. concluded.

Chains

Previously described.

No destroyed all marks ^{and} witness
trees relating to sec. 15, 6, 7 & 8. ^{and} mark as N.E.
Cot. sec. 7. Grained a mound of stone 2 ft. base,
1 1/2 ft. high S.W. of cot.
Pits impracticable
Land rolling.
Soil stony. ^{3rd} ^{and} ^{4th} rate.
Timber, cedar. ^{by} opinion.
Dense undergrowth 81.70 chs.

S. 89° 00' N. from survey line bet. secs. 6 & 7.
Descending through scattering cedar
^{and} ^{by} opinion, dense artemesia.

11.00 Ravine, 50 ft. deep.
course N.W.

40.00 After diligent search no trace
of the old 1/4 sec. cor. can be
found.

40.24 ^{approximately measured}
Beta brachy tree 14 x 10 x 4 ins. 9 ins in
the ground for re-established 1/4 sec.
cor. Marked 1/4 S. 7 on S. face, raised
a mound of stone 2 ft. base, 1 1/2 ft.
high S. of cor. Pits impracticable.

Wood road bears N. ^{and} S.

80.30 The old sec. cor. of secs. 1, 6, 7 ^{and} 12,
on N. bdy. of 9.

Previously described.

Land rolling

soil, stony ^{2nd} ^{and} ^{4th} rate.

Timber, cedar ^{by} opinion and
dense undergrowth 80.30 chs.

The town of Sulphur Dale is located
in Sec. 7. For information concerning the
same ^{and} general description see subdivisions
of this township. Nov. 10th 1900.

Hubert O. Page

Harry E. Martin,

M.S. Deputy Surveyor.

These being no section public or
other office authorized to administer
oaths within reasonable distance
at the beginning or ending of the
Survey, in order to save time &
expense I administered the
jurisdiction myself

Hubert A. Page
A. D. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of

showing the respective capacities in which they acted:

....., Chainman.

....., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

....., United States Deputy Surveyor, in surveying all those parts or portions of the

....., of the

....., meridian, of, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for

....., Chainman.

....., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

Subscribed and sworn to before me this

day of, 189 }



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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Jacob D. Blau, United States Surveyor General for Utah, bearing date of 24 day of November, 1891, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The Great Basin of the Colorado River, 1860.

Base and meridian, in the State of Utah, which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Erwin
United States Deputy Surveyor

Subscribed by said Harry Erwin, and sworn to before me }
this 25th day of May, 1891 }


Edward H. Anderson
U.S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 18

The foregoing field notes of the survey of

executed by _____
under his contract No. _____, dated _____, 1891, having been critically examined, and the necessary corrections and explanations made, the said field notes, which surveys they describe, are hereby approved.

United States Surveyor Gen

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor Ge.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Orwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision of J. 26 S., R. 6 W., of the Salt Lake base meridian, state of Utah.

showing the respective capacities in which they acted:

Harvey D. Price, Chainman.

Nevaughn S. Dawson, Chainman.

Hubert Price, Moundman.

, Moundman.

Orson M. Allred, Axman.

, Axman.

Orson Allred, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and

Harry Orwin, United States Deputy Surveyor, in surveying all those parts or portions of the subdivision of J. 26 S., R. 6 W.

of the Salt

Salt Lake base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Harvey D. Price, Chainman.

Nevaughn S. Dawson, Chainman.

Hubert Price, Moundman.

, Moundman.

Orson M. Allred, Axman.

, Axman.

Orson Allred, Flagman.

Subscribed and sworn to before me this 21st

day of November, 1900.

Hubert D. Page
U.S. Deputy Surveyor



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Charles E. Page, United States Deputy Surveyor, do hereby swear that, in pursuance of a contract received from United States Surveyor General for the State of Utah, bearing date 26th day of July, 1891, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the State of Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the boundaries of the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for the State of Utah, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Charles E. Page

United States Deputy Surveyor

Subscribed by said Charles E. Page, and sworn to before me
this 28th day of May, 1891, A.D. 1891.

Edward H. Aldrich
W. H. Thompson, Clerk of the Surveyor General

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Utah, July, 1891.

The foregoing field notes of the survey of the boundaries of the State of Utah, from the 36th Meridian to the 106th Meridian, and from the 41st Parallel to the 47th Parallel, were carefully examined, and the necessary corrections and explanations made, the said field notes, as now revised, are hereby approved.

Approved by Charles E. Page and Henry Edward
Under Contract No. 2332, dated 26th July, 1891, having
carefully examined, and the necessary corrections and explanations made, the said field notes, as now revised, they describe, are hereby approved.

Edward H. Aldrich
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in the State of Utah, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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FIELD NOTES

OF THE SURVEY OF THE

Subdivision
of
Township no. 26 South.
Range no. 6 West

of the Salt Lake Base and Meridian,
In the State of Utah

AS SURVEYED BY

Robert D. Page, U.S. Deputy Surveyor, United States Deputy Surveyors
 Under his Contract No. 732, dated November 24th, 1899.

Survey commenced November 11th, 1900

Survey completed November 20th, 1900

6-101

Sub-S. 200 15-
 Sub-S. 30-70-41 ✓
 1-25-41 ✓
 1-25-41 ✓

NAMES AND DUTIES OF ASSISTANTS.

Harvey D. Hask	chairman
Newark S. Dawson	"
Herbert Price	mound man
Orson Malled	adman
Orson Malled	flagman

For preliminary affidavits see book X, ff. 265 R5-VT

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Volume

#

R0285

BOOK A-285

INDEX DIAGRAM.

Township _____, *Range* _____

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that
we will report the true distances to all notable objects, and the true lengths of all lines that we assist
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chainma

, Chainma

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishm.
of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundmu

, Moundmu

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn.
and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axm.

, Axm.

Subscribed and sworn to before me this }
day of , 189 }



I, do solemnly swear that I will well and t.
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
survey of

, Flagm

Subscribed and sworn to before me this }
day of , 189 }



W.M. M-2

Subdivision of T. 26 S. R. 6 W.

Chains

Survey commenced
November 11th 1900
and executed with the
instrument described in
book "Z"
of this survey

We know from recent
observations made
November 4th 1900
and recorded in
book "Z"
of this survey,
the instrument to be in
adjustment.

At the cor. of secs. 33 and 34.
on the south bdy. of T. 26 S.
R. 6 W. heretofore described.
November 11th 1900

At 8 A. M. I. have set off
38° 30' N. on lat. arc: 17° 32' S
on decl. arc: and determine a
true meridian with the solar

Thence we run
N. 0° 1' W. bet. secs. 33 and 34.
Over rolling land, ascend
through dense aspens and
scrub oak

30.50 Top of mountain ridge.
Bears N. W. and S. E. descend.
Enter heavy aspen, bears N. W.
and S. E.

40.00 Set a stachytet 6 x 10 x 11 ins.
11 ins. in the ground, for 4 sec.
Cor. marked $\frac{1}{2}$ S. 33, on W. and
34. on E. faces:
from which bear
A aspen 4 ins. diam. E. 12 ft. dist.

Subdivision of T. 26, S. R. 6 W. Cont'd

Chains	
	marked $\frac{1}{4}$ S. 34. B. T. A aspen, 3 ins. diam, H. 12' W. 5 lbs.
58.00	dist. marked $\frac{1}{4}$ S. 33 B. T. North fork of Pine Creek. 3 lbs. wide, pure water, 4 mrs. deep, and canon, 600 ft. deep. cause H. 70 W. Ascend Leave timber bears C. and D. Set a trachyte, 15 x 9 x 6 ins. 10 ins. in the ground for cor. of secs. 37, 28, 33 and 34. marked with 1 notch on S. $\frac{1}{4}$ W 3 Notches on C. edges: and raise a mound of stone, 3 ft. base. 1 $\frac{1}{2}$ ft. high, N. of cor. This impracticable. Land mountainous. Soil. Stony, 3rd Rate. Timber aspin. Mountainous land 80.00 lbs.
40.00	C. on a random line bet. secs. 37 and 34. Set - temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect C. body of townships. at cor. of secs. 27, 30, 31 and 34 but type described. Thence we run W. on a true line bet. secs. 37 and 34. Ascend through heavy aspen and pine timber. Top of high mountain ridge. Slope of Tuscar mountains. bears N. and S. 9000 ft. above sea level. leave timber, descend through dense scrub oak and scattering aspen timber.
40.00	Set a trachyte, 6 x 9 x 6 ins.

Subdivision of T. 8th S., R. 6th E. Continue ob-

Chains	11 ins. in the ground, for 4 sec. cor. marked 3° S. 27' on N. and 34' on S. faces: and twice a mass of stone, 8 ft. base, 15 ft. high, N. of cor. Pits impracticable.
80.00	The cor. of secs. 27, 28, 33 and 34. Land mountainous. Soil, stony 3 rd Rate. Timber Aspen and pine. Mountainous land 8 m. rocks.
	Nov. 11. At this cor. we set off 17° 26' S. on the decl. arc: and at 11° 44' D. M., L. M. t. observe the sun on the meridian, the resulting lat. is 38° 31'.

40.00	St. 0° 1' W. bet. secs. 27 and 28. Over stony broken talus, ascend through dense aspen and mahogany woods.
40.00	Set a trachyte 16 x 10 x 6 ins. 1' ins. in the ground, fine & sec. Cor. marked 3° S. 28' on N. and 34' on S. faces: and twice a mass of stone, 8 ft. base, 15 ft. high, N. of cor. Pits impracticable.
58.00	Bottom of ravine, 150 ft. high, Course N. W. begin steep ascent, over shale rock.
80.00	Set a trachyte 5 x 9 x 6 ins. 10 ins. in the ground, fine Cor. of secs. 21, 22, 27 and 28. marked with 2 notches on N. and 3 notches on S. edges: and twice a mass of stone, 8 ft. base,

Subdivision of T. 26 S. R. 6 W. Continue

Chains		
	1/2 ft. high, N. of cor.	
	Pits impracticable.	
	800 ft. above cor. of secs.	
	27, 28, 33 and 34.	
	Land mountainous.	
	Sail stony	<u>4th Rate.</u>
	No timber	
	Mountainous land	80.00 chs.
<hr/>		
	E. on a random line	
	bet. secs. 22 and 27.	
40.00	Set stony, $\frac{1}{4}$ sec. cor.	
80.00	Intersect E. bdy. of township. At cor. of secs 19, 22, 27 & 30, hitherto described, Thence we run	
	N. on a true line	
	bet. secs. 22 and 27.	
	descend through heavy aspen timber.	
35.00	Top of high mountain ridge. Divide of Tuscar mountain range. elev. H. and S. 8500 ft. above sea level. Pine timber descends H. and S. descend through scattering aspen, pine and dense oak brush.	
50.00	Set a stackyestone $1\frac{1}{4} \times 10 \times 4$ ins. 10 ins. in the ground, far $\frac{1}{4}$ sec. cor. marked, to S. 22. on H. and 27 on S. face: and raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.	
68.00	Clay shale rock.	
- 80.00	The cor. of secs. 21, 22, 27 and 28. Land mountainous.	
	Sail stony 3 rd and 4 th Rate.	
	Timber aspen and pine.	
	Mountainous land. 80.00 chs.	
	Nov. 11, 1900	

Subdivision of T. 26 S., R. 6 W. Continued

Chains

Nov. 12: At 8 A.M., I. m. we set off
 $38^{\circ} 38'$ N. on the lat. arc: $17^{\circ} 38' S.$
 on the decl. arc: and determine
 a true meridian with the
 solar at the cor. of sec.
 21, 22, 27 and 28.

Thence we run

H. O' W. bet. secs. 27 and 28.

Our shale rock, ascend.

12.00 Enter scattering aspen and
 pine-timber and dense
 oak brush.

39.00 Top of mountain ridge,
 bears H. C. and S. W. begin descent
 over broken land, through
 heavy aspen-timber.

40.00 Set a trachyte stone 8x10x8 ins.
 12 ins. in the ground, for $\frac{1}{4}$
 sec. cor. marked 4 S. 21, on
 W. and 22 on E. faces: and
 raise a mound of stone, 2
 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Pits impracticable.

80.00 Set a trachyte stone 6x10x6 ins. 11
 ins. in the ground, for cor.
 of secs. 15, 16, 21 and 22, marked
 with 3 notches on S. and 3
 notches on E. edges:
 from which bear:

Aspen, 3 ins. diam., H. 30° E. 15 lbs.

Dist. marked T. 26 S. R. 6 W. S. 15 B. T.

Antelope, 3 ins. diam., S. 45° E. 9 lbs. dist.
 marked T. 26 S. R. 6 W. S. 22. B. T.

Aspen, 5 ins. diam., S. 10° W. 18 lbs. dist.
 marked T. 26 S. R. 6 W. S. 21. B. T.

Aspen, 4 ins. diam., H. 45° W. 5 lbs. dist.
 marked T. 26 S. R. 6 W. S. 16. B. T.

Land mountainous

Soil stone 3rd Rate

Timber fine and aspen.

Subdivision of T. 26 S. R. 6 W. Cont'd

Chain

MOUNTAINOUS LAND OR
HEAVILY TIMBERED 80.00 Chrs.

4.00

E on a random line
bet. secs. 15 and 22.

80.00

Set temp. $\frac{1}{4}$ sec. cor.
Intersect C. body of township
at cor. of secs. 15, 18, 19 & 22. heretofore described.

Thence we run

R. on a true line
bet. secs. 15 and 22.

40.00

Ascend through heavy aspen
timber, over broken land.

Top of mountain ridge,
Ledge of Tuscar mountains.
Bears N. E. and S. W. 8500 ft. above sea level.
Set a trachyte test 18 x 6 x 6 ins. 12
ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 15 on N. and
22. on S. faces:

from which bear

R. west, 3 ins. diam, H. 10 lbs. dist.
marked $\frac{1}{4}$ S. 15. B. T.

R. west, 3 ins. diam, S. 10° E. 12 lbs.

dist., marked $\frac{1}{4}$ S. 22. B. T.

Come heavy timber, bears
N. E. and S. W. descend through
scattering pine and aspen
timber, and dense scrub oak.
The cor. of secs. 15, 16, 21 and 22.
and mountainous

Soil stony. 3rd Rate.

Timber aspen and pine.

MOUNTAINOUS LAND, HEAVILY
TIMBERED OR DENSE
scrub growth. 80.00 Chrs.

Do. 12: At this cor. we set off

Subdivision of T 26 S R 6 W Cont'd

11.00	1743 S. on the old line and at 11:44 A. M., from N. observe the sun on the meridian, the resulting lat is $38^{\circ} 9' 3''$ N.
10.00	11.01 W. bet. secs. 15 and 16. Over rolling land. Descend through scattering Aspens and pine timber, and cleave oak brush. Set a stachytet 5 x 8 x 7 ins. 10 ins. in the ground, for sec. cor. marked to S. 16 on W. and 15 on E. faces; from which draw a fine, 6 ins. diam. Ht. 45° E. 22 lbs. dist. marked to S. 15, B. T. and raise a mound of stone, 2 ft. base, 15 ft. high. W. of cor. Pits impracticable.
14.00	Head of ravine. Course N. E. Leave timber, enter wash沟, over stony soil along the top of Mountain Ridge, bears W. and S.
9.00	Set a stachytet 4 x 12 x 9 ins. 10 ins. in the ground, for cor. of secs. 9, 10, 15 and 16. marked with 4 notches on S. and 3 notches on E. ledges; and raise a mound of stones 2 ft. base, 15 ft. high. W. of cor. Pits impracticable. Land rolling Soil stony 8 th and 11 th Rate. Timber appear and pine Ravine underlying the 80.00 lbs.

Subdivision of T. 9 S., R. 6 W. Con

Chains	
	C. on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect C. body. of townships. at cor. of secs. 7, 10, 15 and 18, hasty as described. Thence we run
	W. on a true line bet. secs. 10 and 15.
8.00	Over stony soil and boulders, ascend through dense scrub oak and mahogany brush. Top of mountain ridge, divide of Tuscar mountain. Bears N. and S. 8500 ft. above sea level, enters scattering pine and cedar timber, descend.
40.00	Set a hachette $\frac{1}{4} \times 10 \times 6$ ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 10, on N. and 15, on S. faces: And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. This impracticable.
45.00	Cave Creek, 5 lks. wide, pure water, 4 ins. deep, and Canon, 400 ft. deep, Course N. Leans cedar and pine timber begin steep ascent, through scattering aspen.
54.75	Bottom of ravine, 150 ft. deep, Course N. C.
80.00	Top of mountain ridge, 800 ft. above bottom of Cave Creek Canon, bears N. and S. The cor. of secs. 9, 10, 15 and 16. Land mountainous. Soil stony $\frac{3}{4}$ and $\frac{4}{4}$ th Rate Timber cedar pine and aspen. Mountainous land, 80.00 chs.

November 12, 1900

Subdivision of T. 26 S. R. 6 W. Contini.

Chains

Nov. 13: At 8 A. M., l. m. t., we set off $38^{\circ} 33' 30''$ lat. and $170^{\circ} 4' S.$ on decl. arc: and determine a true meridian with the solar, at the cor. of secs. 9, 10, 15 and 16.

Thence we run

$11.0^{\circ} 1' W.$ bet. secs. 9 and 10
Begin descent along E. slope of mountain ridge, bearing $11.10^{\circ} W.$ through dense scrub oak and scattering pine-timber, over broken land.

30.25 Leave scattering timber
enter dense mahogany brush.

40.00 Set a trachyte $4 \times 13 \times 4$ ins. 10 ins. in the ground, for 4 sec. cor. marked $\frac{1}{4}$ S. 9, on W. and 10 on E. faces; and raise a mound of stone, 2 ft. base, 12 ft. high, N. of cor.

Pits impracticable.

This 4 sec. cor. is 400 ft. below Cor. of secs. 9, 10, 15 and 16.

- 80.00 Set a trachyte $20 \times 20 \times 14$ ins. 15 ins. in the ground, for Cor. of secs. 3, 4, 9 and 10, marked with 5 notches, on S. and 3 notch on E. edges; and raise a mound of stone, 2 ft. base, 12 ft. high, N. of cor.

Pits impracticable.

Land mountainous

Soil stony. 3rd and 4th Rate Timber fine.

Mountainous land and dense undergrowth, 80.00 lbs.

Subdivision of T. 26 S. R. 6 W. Cont.

	Hains	<p>are known from retrace ment the line bet. secs. 8 and 10 will not close on E. body. of township, therefore we run E. on a true line, bet. secs. 8 and 10.</p>
		<p>Over rolling land, descend through dense scrub oak and mahogany brush.</p>
40.00		<p>Set a trachyte ^{test} 2 4 x 15 x 12 ins. 18 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked, $\frac{1}{4}$ S. 3 on N. and 10 on S. faces; and raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, H. of cor.</p>
		<p>Pts - infausticabil.</p>
48.00	Cone Creek.	<p>3 lks. wide, pure water, 4 ins. deep, and canon 300 ft. deep, Cone H. W. 800 ft. below cor. of secs. 3, 4, 9 and 10 Begin ascent.</p>
65.70		<p>Top of mountain ridge, leviade of Tuscar mountains. 8000 ft. above sea level. - bears E. and S.</p>
		<p>Descent.</p>
80.00		<p>Intersect E. body. of township H. 2. 84 chs. dist. of cor. of townships 25 and 26 S. 19. 5 W. which is a trachyte ^{test} 2 8 x 10 x 8 ins. above the ground, marked as described by Surveyor General.</p>
		<p>Set a trachyte ^{test} 18 x 12 x 10 ins 12 ins. in the ground for closing cor. of secs. 8 and 10, marked C.C. on W. face, with 5 grooves on S. and 1 groove on H. faces; and raise.</p>

Subdivision of T. 26 S. R. 6 W. Cont'd.

Chains

A mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, N. of cor.
Ruts impracticable
Land mountainous
Soil stony 3rd Rate
No timber
Mountainous land, \$0.00000.

Noo. 13: At this cor. we set off
 $17^{\circ}59' S.$ on the decl. arc: and at
 $11^{\circ}44'' W.$, l. m. t., observe
the sun on the meridian,
the resulting lat. is $38^{\circ}35' N$.

W. 0° 1' W. bet. secs. 3 and 4.
Over stony soil, descend.
Begin steep descent, throughout.
Begin ascent.
Top of ridge bears E. and W. descend.
Set a trachyte stone $2 \times 11 \times 5$ ins. 8
ins. in the ground, far $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 4° on
W. and 3 on E. faces; and raise
a mound of stone, 2 ft. base,
 $1\frac{1}{2}$ ft. high, N. of cor.
Ruts impracticable
This $\frac{1}{4}$ sec. cor. is 600 ft. below
Cor. of secs. 3, 4, 9 and 10.
Over rolling land descend
through dense artemesia
and scrub oak.
Intersect H. bdy. of township.
5th Standard Parallel South.
W. 19.47 chs. of Standard Cor. of secs.
33 and 34 heretofore described.

Set a trachyte stone $5 \times 11 \times 14$ ins. 10
ins. in the ground far

Subdivision of T. 26 S. R. 5 W. Contin.

Chains.

closing cor. of secs. 3 and 4.
marked C.C. on S. face:
with 3 grooves on E. and 3
grooves on W. faces: and
raise a mound of stone, 2
ft. base, 1 1/2 ft. high, S. of cor.
Pits impracticable.

Land mountainous

Soil stony 3rd Rate.
No timber.

Mountainous land and
dense undergrowth, 74.20 obs.

November 13, 1900

Nov. 14; At 8 A.M. I. m. l., we set off
38° 30' N. on the lat. arc: 18° 10' E.
on the decl. arc: and determine
a true meridian with the
solar at the cor. of secs.
32 and 33, on the south bdy.
of the township heretofore described.

Thence we run

St. 0° 1' W. bet. secs. 32 and 33.

Clean stony soil, ascend
through dense scrub oak.

40.00 Set a trachyte stone 8 x 12 x 4 ins. 12
ins. in the ground, for 1 sec.
Cor. marked $\frac{1}{4}$ S. 32 on W. and
33 on E. faces: and raise a
mound of stone, 2 ft. base.
1 1/2 ft. high, W. of cor.
Pits impracticable.

59.70 Top of trachyte ledges, 60 ft.
high, bear St. W. and S. E.

73.50 Top of mountain ridge,
bears St. 70° W. and S. 70° E.

600 ft. above Cor. of secs 32 and 33
Begin descent - through
mahogany brush.

Subdivision of T. 26 S. R. 6 Mr. Continuous

Chains		
- 80.00	Set a tachytite $4 \times 10 \times 4$ ins. 10 ins. in the ground, for Cor. of secs. 28, 29, 32 and 33. marked with 1 notch on S. and 4 notches on E. edges; and raise a mound of stone, 8 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pilots impracticable and mountainous.	
	Soil stony No timber.	3 rd Rate
	Mountainous - Good	87 dhs.
40.00	C. on a mountain side bet. secs. 28 and 33.	
80.00	Set tarp. 4 sec. cor. Intersect H. and S. line, at cor. of secs. 27, 28, 33 and 34. Thence we come.	
	No timber side bet. secs. 28 and 33.	
40.00	Be in broken stony land, clayey through dense scrub and small bigamy bush. Set a tachytite $4 \times 10 \times 6$ ins. 15 ins. in the ground, for cor. cor. marked 4. S. 28, on H. and 33. on S. raised and raise a mound of stone, 8 ft. base, 1 $\frac{1}{2}$ ft. high, H. of cor. Pilots impracticable.	
67.00	North fork of Pine Creek, 3 dhs. wide, pure water, 4 ins. deep, and bottom, 700 ft. deep. course N. W. as concd.	
- 80.00	The cor. of secs. 28, 29, 32 and 33. Land mountainous Soil stony.	3 rd Rate
	No timber	

Subdivision of T. 26 S., R. 6 E. Antelope

Chains	Mountainous land. 80.00 chs.
	No. 14. At this cor. we set off 18° 15' S., on the decl. arc: and at 11° 44' A.M., L. M. T., observe the sun on the meridian; the resulting lat. is 38° 31' N.
	11.0° W. bearing, secs. 28 and 29. Clear stony soil, steep descent through dense oak brush.
15.00	North fork of Pine Creek. 3 lbs. wide, pure water, 4 ins. deep, and canon 100 ft. deep, coarse M. V. ascend.
25.65	Top of spur, projects W.
40.00	Set a Trachylepsis ^{stone} 14x11x6 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 29, on W. and E. on E. faces: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
47.00	Top of ridge, bears E. and W. Descent.
57.50	Bottom of ravine, 300 ft. deep. Course W. ascend.
80.00	Set a Trachylepsis ^{stone} 20x12x6 ins. 15 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked with 2 notches on S. and 4 on E. edges: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable: Land mountainous.
	Sail stony : 3 rd Rate. No timber.
	Mountainous land. 80.00 chs.

Subdivision of T. 26 S., R. 6 W. Continued

Chains	
	E. on a random line bet. secs. 21 and 28.
40.00	Set temp. 4 sec. cor.
80.00	Intersect H. and S. line. at cor. of secs. 21, 22, 27 and 28. Thence we run
	G. on a true line bet. secs. 21 and 28. Over shale rock, descend.
11.50	Bottom of ravine, 100 ft. sleep, Course S. W.
20.00	Leave shale rock, enter dense scrub oak and mahogany.
40.00	Set a trachyte 5x11x4 ins., 10 ins. in the ground, for 4 sec. cor. marked 4 S. & 1. on H. and 28. on S. faces: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, H. of cor. Pits impracticable.
74.00	Top of spur, projects S.
80.00	The cor. of secs. 20, 21, 28 and 29. 800 ft. below the cor. of secs. 21, 22, 27 and 28. Land mountainous. Soil stony. 3 rd and 4 th Rate. No timber Mountainous land. 80.00 Chrs.

November 14, 1900

Nov. 15: At 8 A. M. I. m. l. we set off
38° 32' on the lat. arc: 18° 26' S.
on the decl. arc: and determine
a true meridian with the
solar, at the cor. of secs.
20, 21, 28 and 29.

Thence we run
21.0° 1' W. bet. secs. 20 and 21.
Over stony land, ascend

Subdivision of T. 26 S. R. 6 I. Cont.

Chains

	through dense scrub oak and Mahogany.
5.00	Top of Mountain ridge. beds C. and W. descend.
12.00	Bottom of ravine. Course W. 250 ft. deep, ascend.
40.00	Set a trachyte ^{stone} 6x14x6 ins. 11 ins. in the ground, for 4 sec. Cor, marked 1/4 S. 20. on W. and 21. on C. faces: from which bear Mahogany, 3 ins. diam, E. 13 lbs. dist. marked 1/4 S. 21. N. T.
	Mahogany, 3 ins. diam, H. 70' W. 33 lbs. dist. marked 1/4 S. 20. N. T.
43.25	Top of mountain spur, projects W. 600 ft. above bottom of ravine, 31.25 chs. S. descend.
51.00	Bottom of ravine, 100 ft. deep Course W. Ascend.
62.00	Top of rocky spur, projects W. descend.
80.00	Set a trachyte ^{stone} 3x9x5 ins. 9 ins. in the ground, for cor. of secs. 16, 19, 20, and 21. marked with 3 notches on S. and 4 notches on C. edges: and raise a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable. Land mountainous. Stony. 3 rd Rate No timber Mountainous land, 80.00 chs.

C. on a random line
bet. secs. 16 and 21.

40.00 Set temple. 4 sec. cor.

Observation of T. 26 S. R. 6 W. Continued

Hours

80.00

Intersect H. and S. line
at cor. of secs. 15, 16, 21 and 22.

Thence we run
S. on a true line
bet. secs. 16 and 21.

Ascend through heavy aspen
and scattering pine timber
Top of mountain ridge.
Heads H. and S.

Same timber, leaves H. and S.
Descend over ledges and stony
soil, through dense scrub
oak and scattering mahogany.

Enter scattering aspen timber
Set a sticky trap 4 x 5 x 6 ins. 10
ins. in the ground, for 4 sec.
Cor. marked H. S. 16, on H. and
21, on S. faces:

from which bear
A aspen, 5 ins. diam. S. 70° W. 14 lbs.
dist. marked 4 S. 21. 93. T.

A aspen, 3 ins. diam. H. 60° W. 72 lbs.
dist. marked 4 S. 16, 13. T.

48.00 Bottom of ravine, 200 ft. steep.
Course H. S.

80.00 The cor. of secs. 16 & 20 and 21.
800 ft. below cor. of secs.
15, 16, 21 and 22.

Land mountainous.
Soil, stony ^{3rd and 4th Rate.}
Timber aspen and pine.

Mountainous land. 80.00 obs.

Nov. 15: At this cor. we set off
18 30' S. on the decl. arc: and at
11° 45' A.M., I must observe the
sun on the meridian, the
resulting lat. is 38° 3' N.

Subdivision of T. 26 S. R. 6 W. Cont'd

Chains	
	H. 0° 1' W. bet. secs. 16 and 17.
	Over rolling land, descend through dense scrub oak and scattering mahogany.
13.00	Spring branch, Course H. W. 1 ft. wide.
18.00	Spring branch, Course S. W. 1 ft. wide. Leave scattering mahogany enter dense pastures.
40.00	Set a stachyle, 12x10x5 ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 17 on W. and 16 on C. faces; and raise a mound of stone, 2 ft. base 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
46.50	Spring branch 1 ft. wide. 2 ins. deep. bounded by Begin as-ent.
69.25	Top of ridge, bears N. and S. Along top of ridge.
- 80.00	Falls on boulder 7x8x6 ft. Above ground: we cut a cross (+) at the exact cor. point, for cor. of secs. 8, 9, 16 and 17. marked with 4 grooves on S. and 4 grooves on C. sides; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable Land rolling. Soil stony 8 th Rate. No timber Llense undergrowth. \$0.00 chs.

	E. on a random line bet. secs. 9 and 16.
40.00	Set temp., $\frac{1}{4}$ sec. cor.
80.00	Intersect H. and S. line at cor. of secs. 9, 10, 15 and 16.

Subdivision of T. 26 S. R. 6 W. Continued

Chains

	Thence we run W. on a true line bet. secs. 9 and 16. Over stony land, ascend steep west slope of mountain ridge through dense scrub oak.
40.00	Set a - brick 10x2x6 ins. 8 ins in the ground, for $\frac{1}{4}$ sec. cor., marked to S. 9, on N. and 16, on S. faces; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high. $\frac{1}{4}$ of cor. Pits impracticable.
71.60	Spring branch, 1 $\frac{1}{2}$ ft. wide, 2 ins. deep, in ravine 250 ft. deep course H. W. 1000 ft. below cor. of secs. 9, 10, 15 and 16.
	Ascend.
80.00	The cor. of secs. 8, 9, 16 and 17. On top of ridge bears H. W. and S. Land mountainous. Soil stony. 3 rd Rate. No timber. Mountainous land. 80.00 chs. November 5, 1900

Nov. 16: At 8 A.M. L. M. & C. we set off
38° 33' N. on the lat. arc: 18° 41' S.
on the decl. arc: and determine
a true meridian with the
solar, at the cor. of secs.
8, 9, 16 and 17.

Thence we run
W. 0° 1' W. bet. secs. 8 and 9.

Over stony land, ascend
through dense artemesia
and scrub oak.

Subdivision of T 26 S, R. 6 W. Contains

Chains	
8.50	Bottom of ravine, 550 ft. deep, Course H. W. As-carol.
40.00	Set a - trachyte stone 18 x 12 x 6 ins. 12 ins. in the ground, for 4 sec. Cor. marked 4 S. 8. on W. and 9. on E. faces; and raise 3 inches above ground, 2 ft. base, 16 ft. high. W. of cor. Pits impracticable.
51.00	Top of ridge, bears W. N. by S.C. 2 ft. high.
51.75	String branch, 1 ft. wide, 2 ins. dep. in ravine 150 ft. deep, course H. W. As-carol.
80.00	Top of rocky spur, projects W. with small clump of piñon timber south west of cor. Set a - trachyte 20 x 14 x 6 ins. 15 ins. in the ground for cor. of secs. 4, 5, 8 ins. 9. marked with 5. notches on S. and 4 notches on E. sides: from which sides 2 piñon, 4 ins. diam., S. 25° W. 36 ft. dist. marked. T. 26 S, R. 6 W. S. 8. B. 7. No other trees within 100 ft. and course is made of stone, 2 ft. base, 16 ft. high. W. of cor. Pits impracticable. Land rolling. Soil stony 3 rd Rate. Lime undergrowth 80.00 chs

C. on a random line
betw. secs. 4 and 9.
40.00 Set timber. 4 sec. cor.
80.00 Intersect H. and S. line.

Subdivision of T. 26 S. R. 6 Mo. Cont'd.

Chains

	At cor. of secs. 3, 4, 9 and 10. Thence we run W. over a line line bet. Secs. 4 and 9. Over stony land. Ascend through dense scrub oak and mahogany.
3.00	Top of high mountain ridge. Bears N. and S. Began descent over boulders along the south slope of high mountain ridge bearing N. 88° C.
40.00	Falls on a boulder 6 x 6 x 4 ft. above ground. 16 we cut a cross (T) at the exact cor. point, for 4 sec. cor. marked E. S. 4, on N. and 9 on S. sides: and raise a mound of stone. 2 ft. base, 1.5 ft. high, D. of cor.
63.00	Pits impracticable. Began ascent Top of ridge. Bears S.C. and W.
80.00	Along top of ridge. descend. The cor. of secs. 4, 5, 8 and 9. 1000 ft. below the cor. of secs. 3, 4, 9 and 10. Land mountainous. Soil stony. 3 rd and 4 th Rate. No timber. Mountainous land. 80.00 chs.
	Nov. 16. At this cor. we set off 18° 45' S. on the decl. M.C. and at 11° 45' A. M., I. 00.1. observe the sun on the meridian, the resulting lat. is 38° 35' N.

Subdivision of T. 26 S. R. 6 W. Contin.

Chains	
	U. O' F. W. sect. secs. 4 and 5. Over stony soil, descent through dense artemesia and oak trees.
1.00	Bottom of ravine 850 ft. deep. Course - S. W. ascend.
21.00	Top of ridge bears N. E. and S. W. lies east!
35.00	Bottom of ravine, 900 ft. deep. Course - S. W. ascend. Along west slope of high mountain spur, projecting S. W. through scattering cedar and piñon timber.
40.00	Set a masonry post 5x11x4 ins. 10 ins. in the ground, for 4 sec. cor., marked $\frac{1}{4}$ " S. 5, on W. end 1/2 on E. faces; and raise a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Post impracticable.
= 74.18	Intersect H. line of the town line, <u>5th Standard Parallel South</u> W. 19. 47 chs. dist. of standard cor. of secs. 32 and 33 heretofore described.
	Set a masonry post 2x16x3 ins. 16 ins. in the ground for 3d cor. Cor. of secs. 4 and 5, marked C.C. on S. face, with 4 grooves on E. & on W. faces; and raise a mound of stone, 2 ft. base, 1/2 ft. high, - S. & cor. Post impracticable. Land mountainous. Soil stony 3rd Rate. Timber, cedar and piñon. Mountainous land and dense undergrowth. 74.18 chs. November 6, 1900

Subdivision of T. 26. S. R. 6 W. Continued

Chains

- Mo. 17. At 8 A. M. I. m. t., we set off
38' 30" on the lat. acc: 18° 56' S.
on the decl. acc: and determine
a true meridian with the
solar, at the cor. of secs. 31^{and}
32, on the south boundary
of the township, hitherto described.
Hence we run
11° 0' E. dist. - secs. 31 and 32.
Over rolling land, through
dense oak brush.
- 5:40 Begin steep descent.
14:00 Pine Creek, 5 lbs. wide, fine
water, 4 ins. deep and Canon,
500 ft. deep, Course N.
as. ced..
- 19:00 Bottom of ravine, 100 ft. deep.
Course S. It. - enter dense
timber and S. scattering
cedar.
- 40:00 Set a granite stone, 14 x 11 x 6 ins. 10
ins. in the ground, for L. sec.
Ced., marked 4. S. 31. on N. and
32, on C. of ravine:
from a high place
A cedar, 10 ins. diam., 1.58 c. 60 lbs.
dist. marked 4. S. 31. B. T.
A cedar, 13 ins. diam., 2.58 W. 1.50 lbs.
dist. marked 4. S. 31. B. T.
- 53:45 Sacolle^{the} on ridge. clearing S. W. and
N. C. descend. leave timber.
Bottom of ravine, 150 ft.
deep. Course N. It. as ced.
- 73:10 Set a trachyte, 8 x 12 x 4 ins. 12
ins. in the ground, for Cor.
of secs. 29, 30, 31^{and} 32.
marked with 1 notch on S.
and 5 notches on C. edges:
and raise a mound of stone, 2
ft. base, 12 ft. high, It. of cor.
- 80:00

Subdivision of T. 26 S. R. 6 W. Cont'd.

Chains	Pits impracticable. Land mountainous. Soil stony. 3 rd Rate. Timber cedar. Mountainous Land. 80.00 each.
40.00	C. on a random line bet. secs. 29 and 32. Set temp. & sec. cor.
80.00	Intersect H. and S. line 18 mks. S. of cor. of secs. 28, 29, 32 and 33. Thence we run S. $89^{\circ} 5' 5''$ W. on a true line bet. secs. 29 and 32. Our rolling land. Ascend along the north slope of high mountain ridge. and projecting spurs and ridges through dense scrub oak.
10.00	Top of ridge bears N. W. & S. E. descend.
40.00	Set a trachyte post $4 \times 10 \times 6$ ins. 10 ins. in the ground, for & sec. Cor. marked, $\frac{1}{4}$ S. 29. on N. W. in 32. on S. faces: and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high. H. of cor.
-	Pits impracticable.
80.00	The cor. of secs. 29, 30, 31. and 32. Land rolling. Soil stony. 3 rd Rate. No timber. Dense undergrowth. 80.00 each.
	Mo. 17. At this cor. we set off $19^{\circ} 0'$ S. on the decl. acc. and at $11^{\circ} 45'$ A. M., l. m. t. observe the sun on the meridian, the resulting lat. is $38^{\circ} 31' N$

Subdivision of T. 26 S., R. 6 W., Continued.

Chains

40.00

Dr. on a random line
bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect Dr. body. of Tp.
Circle Meridian ab-
the cor. of secs. 25, 30, 31 and 36.
Hence we run
East on a true line
bet. secs. 30 and 31.
Over rolling land, ascend
through dense artemisia,
scrub oak, and scattering
cedar, juniper and
mahogany.

42.80

Set a trachyte boulder 6 x 12 x 8
ins. 11 ins. in the ground.
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. 30, on N. and 31 on
S. faces:
from which

A scrub mahogany, 6 ins.
diam. - bears H. W. C. 65 lbs.
clst. marked $\frac{1}{4}$ S. 30 B. T.

No other trees within limits.

Another raise a mound
of stone, 8 ft. base, 12 ft
high. H. of cor.

Ridge impracticable.

26.00

Top of ridge, - bears H. W. and
S. C. descend.

57.50

Bottom of ravine, 150 ft.
Deep, coarse H. W. Ascend
Leave timber.

62.80

The cor. of secs. 29, 30, 31 and 32.
Land rolling.
Soil stony, $\frac{3}{4}$ R. Rate.
Timber, cedar and juniper.
Dense undergrowth, 62.80 chs.

Subdivision of T. 26 S., R. 6 W., Contra

Chains	
	I. 18. It. bet. secs. 29 and 30.
	Ascend through dense artemesia and scrub oak.
6.20	Gamble ledge, 20 ft high. bear I. IV and S. C.
7.00	Top of spur projects - I. II
30.00	Top of ridge, bears I. IV and S. C.
	Limestone
40.00	Set a trachyte stone 4x8x5 ins. 10 ins. in the ground, for cor. Sec. cor. marked 4, S. 30, on N. and E. on C. faces: and raise a mound of stone, 2 ft base, 1.5 ft high, It. of cor. Pits impracticable.
61.20	North fork of Pine Creek (now dry) and Canon, 300 ft. deep Course I. IV. Ascend
71.50	Top of spur, projects I. II Limestone.
79.00	Bottom of ravine, Course S. W. 100 ft. deep. Ascend.
80.00	Set n. - trachyte stone 3x11x8 ins. 9 ins. in the ground, for cor. of secs. 19, 20, 29 and 30. marked with 2 notches on S. and 5 notches on C. ledges: and raise a mound of stone, 2 ft base, 1.5 ft high, It. of cor. Pits impracticable Land mountainous
	Soil stony 9 th Rate
	No timber
	Mountainous land, 80.0000s.
	Number 17-1960

Nov. 18: Out 8 A.M. last we
set off 38.32 N on the lat. all
19.70 S. on the decl. and

11:15 A.M.

Subdivision of T. 26 S. 1/2 6 Dr. Continued

Chains

determine a true meridian with the solar, at the cor. of secs. 19, 20, 29 and 30.

Thence we run

St. $89^{\circ} 55' E.$ on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect W. and S. line, 3 lks.
St. at cor. of secs. 20, 21, 28 and 29.

Thence we run

S. $89^{\circ} 56' W.$ on a true line
bet. secs. 20 and 29.

Over rolling land, descend
through stone artemesia,
scrub oak and scattering
mahogany.

40.00 Set a thachyle 16 x 8 x 6 ins.
11 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} S. 20$,
on St. and 29. on S. faces;
and raise a mound of
stone, 2 ft. base, $1\frac{1}{2}$ ft.
high. St. of cor.

Pits inarticable.

Bottom of ravine, 100 ft. deep.
Cause S. Dr. as cor. 1

80.00 The cor. of secs. 19, 20, 29 and 30.
Land sloping.

Sail S. long 3rd Rate.
No timber.

Large undergrowth. 80.00 chs.

West on a random line;
bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

62.70 Intersect W. bdy. of Twp.

Guide Meridian at the
cor. of secs. 19, 24, 25 and 30.

Submission of T. & S. R. & I. Continued

Chains

- Thence we run
East on a true line
bet. secs. 19th and 30.
On rolling land, descend
through dense artemisia
and scrub oak.
- 0.50 North fork of Pine Creek.
(now dry) and canon 300 ft.
deep, Course N. W.
Ascend through scattering
cedar timber.
- 22.70 Set a blacky test, 8 x 12 x 8 ins.
13 ins. in the ground, for
1 sec. cor. marked $\frac{1}{4}$ S. 19, on
N. and 30. on S. faces:
from which
12 cedar, 7 ins. diam. bears 41.30 E.
53 lbs. chs. l. marked $\frac{1}{4}$ S. 19, B. T.
1 cedar, 11 ins. diam. bears S. 5° E., 45
lbs. chs. l. marked $\frac{1}{4}$ S. 30, B. T.
31.50 Top of spine, projects S.
descend.
- 50.00 Bottom of ravine, 150 ft. deep,
Course S. W. ascend.
Leave timber
- 62.70 The cor. of secs. 19, 20, 29th and 30.
Land mountainous
Soil - stony 3rd Rate
Timber cedar.
Mountainous land 62.70 lbs.

Nov. 18: At this cor. we
set off 19th S. on the decl.
arc: and at 11⁴⁵^m A. M.
l. m. l. observe the sun
on the meridian, the
resulting lat. is 38° 32' N

Subdivision of T. 26 S., R. 6 W. - Continued

Chains	
	H. 0° 2' N. bet. secs. 19 and 20. Our rolling land; ascend through dense artemesia and scrub oak.
13.50	Bottom of ravine, 75 ft. deep, Course S. Ex.
37.00	Top of ridge, bears E. and W. Descending.
40.00	Set a - hachy test, 2 x 12 x 4 ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ S. 19, on W. and 20, on E. faces: And raise a mound of stone, 2 ft. base, 15 ft. high, N. of cor. Pits impracticable.
78.50	Droad road, bears H. N. and S. E.
80.00	Set a - hachy test, 4 x 8 x 5 ins. 10 ins. in the ground, for Cor. of secs. 17, 18, 19 and 20, marked with 5 notches on S. and 5 notches on E. edges: And raise a mound of stone, 2 ft. base, 15 ft. high, S. of cor. Pits impracticable.
	Land rolling
	Sail slowly 3rd Rate.
	No timber.
	Lensile undergrowth, \$0.00 chs.

H. 89° 56' E. on a random line,
bet. secs. 17 and 20.
Set - temp. $\frac{1}{4}$ sec. cor.
Intersect H. and S. line
9 lbs. Id. of Cor. of secs. 16, 17, 20 and 21.
Thence run
West on a true line
bet. secs. 17 and 20.
Our rolling land, ascend

Subdivision of T. 8 E., R. 6 W., Cont.

Chains	
	through dense scrub oak.
5.25	Top of spur, projects N. descend
40.00	Set a trachyte b. 12 x 10. 6 ins. 8 ins. in the ground, for 4 sec. cor. marked 4 S. 17 on N. and 20, on S. faces and raise a mound of stone, 2 ft. base, 1½ ft high, It of cor. Pits impracticable.
44.75	Bottom of ravine, 100 ft. above Course N. W. ascend.
59.50	Top of ridge, 200 ft. above bottom of ravine, bears N. and S. descend.
- 80.00	The cor. of secs. 17, 18, 19 and 20 800 ft. below the cor. of secs. 16, 17, 20 and 21. Land mountainous. Soil stony. 3rd Rule No timber Mountainous land. \$0.00 per November 18, 1900

Nov. 19: At 8 A.M., I. on N. ave
set off 38° 33' N. on the flat mc.
19 24' S. on the decl. mc. and
determine a true meridian
with the solar, at the
cor. of secs. 17, 18, 19 and 20.
Thence we run
West on a random
line, bet. secs. 18 and 19.
40.00 Set temp. to sec. cor.
62.60 Intercept N. body of Tp.
Guide Meridian at the
Cor. of secs. 13, 18, 19 and 24 ~~heights marked~~
Thence we run
East on a true line
bet. secs 18 and 19.

Subdivision of T. 26 S., R. 6 W. Continued

Plains	Our rolling land, ascend through dense artemisia and scrub oak and scattering cedar.
22.60	Set a trachyte boulder 7.6 x 16 x 11 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 18 on N. and 19 on S. faces and raise a mound of stone 2 ft. base, 1.5 ft. high, $\frac{1}{4}$ of cor.
	Pits impracticable.
27.00	Top of ridge, bears N. and S. declincl.
46.00	Leave timber.
60.50	Wood road, bears N. W. and S. C.
62.60	The cor. of secs. 17, 18, 19 and 20.
	Land rolling
	Soil strong 3rd Rate.
	Timber, cedar.
	Slimy undergrowth 68.60 chs.

	N. 0° E. W. bet. secs. 17 and 18.
	Our rolling land, descend through scattering cedar, dense artemisia and scrub oak.
10.00	Set a trachyte boulder 14 x 8 x 7 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 18 on N. and 17 on C. faces and raise a mound of stone, 2 ft. base, 1.5 ft. high, $\frac{1}{4}$ of cor.
	Pits impracticable.
10.50	Bottom of ravine, 6.0 ft. deep. Course N.
58.50	dry wash, 9.0 ft. deep. Course N.
53.35	Intersect south bdy of sec. 7. S. 89° 38' W. 18.50 chs. Dist. of S. C.

Submission of T. 26 S., R. 6 W. Continued

Chains

Cor. of sec. 7, which is a trachyte
12 x 8 x 3 ins. above ground,
firmly set, marked
as described by the surveyor
General.

This corresponds to retrace ment.
Set a trachyte ¹⁰ 7⁶ x 10 x 6 ins. 11 ins.
in the ground for closing cor.
of secs. 17 and 18, marked C.C. on S.
face, with 4 grooves on S. and 5
grooves on C. faces; and raise a
mound of stone, 2 ft. base, 1 1/2
ft. high, S. of cor.

Pits impracticable

Land rolling.

Soil stony.

Timber, Cedar.

Dense undergrowth 78.35 chs.

Nov. 19. At this cor. we set off $1^{\circ} 45' 29''$ S. on the decl. M.C.; and at $1^{\circ} 45'$
P.M., l.m.s.t. observe the sun on
the meridian, the resulting
lat. is $38^{\circ} 33' 30''$ N

From the cor. of secs. 8, 9, 16 and 17,
west, bet. secs. 8 and 17, on true line
over rolling land, descend through
dense timber and S. cub oak,
18.00 Bottom of ravine, 100 ft. deep.
Course H. I.

40.00 Set a trachyte ¹⁰ 7⁶ x 12 x 9 ins. 10 ins.
in the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. 8, on H. and 17, on
S. faces; and raise a mound
of stone, 2 ft. base, 1 1/2 ft.
high, H. of cor.

Pits impracticable.

50.00 Enter scattering cedar.

Subdivisions of T. 26 S. R. 6 W. Continued

Chains 61.50	Intersect C. body of sec. 7. At 0:30 C. 6.61 Cht. dist. of S. C. Cor. of sec. 7, hitherto described.	
	This corresponds to the attachment Set a trachyte stone 6 x 9 x 6 ins. 11 ins. in the ground, for closing Cor. of secs. 8 and 17, marked C.C. on E. face, with 4 grooves on S. and 5 grooves on E. faces: and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, C. of cor.	
	Pits impracticable.	
	Land rolling	
	Soil stony	3 rd Rate.
	Timber. Cedar.	
	Dense undergrowth	61.50 Chs
		Moorhouse 19. 1900

Nov. 20: At 8 A.M. I. set off
38° 35' N. from the lat. 40° 19' 38" S.
on the decl. sec. 11 so determine
a line coincident with the
Solar, at the cor. of secs.
4, 5, 8 and 9.

Thereafter we
W. bet. secs. 5 and 8, timberless
descend through dense
timber and scrub oak.
Bottom of ravine, 200 ft. drift.
Course S. W. ascend
South west slope of high
mountain spur, projecting
S. W. into scattering cedar,
descend.

11.00 Set a trachyte 4 x 12 x 4 ins.
10 ins. in the ground, for
4 sec. cor., marked 4 S. 5 on It.

Description of T. 16 S. R. 6 E. Land

Chains	And board faces and raise a mound of stone, 2 ft. base 1 1/2 ft. high. N. of cor. Pits impracticable.
75.00	Over rolling land Bottom of ravine, 5-0 ft. deep, Course N. W. ascend
- 80.00	Set a trachyte ^{stone} 2 x 8 x 7 ins. 9 ins. in the ground, for cor. of secs 5, 6 and 8 marked with 5 notches on S. and C. edges and raise a mound of stone, 2 ft. base, 1 1/2 ft. high. E. of cor. Pits impracticable Land rolling.
	Soil stony 3 rd Rate Timber cedar, Dense undergrowth, 80.00 Chs.

S. 0° E. bet. secs. 6 and 8
Descending over stony soil
through dense briars and
scrub oak.

- 5.00 Intersect - H. body of sec. 7
S. 89° 00' W. 19° 05' Chs. Obst. of H. C. cor.
of sec. 7, which is a quantity
of stone, 16 x 12 x 12, firmly set
marked and witnessed as
described by the Surveyor
General.

This corresponds to the
attachment.

Set a trachyte ^{stone} 4 x 16 x 14 ins.
18 ins. in the ground, for
closing cor. of secs. 6 and 8
marked C. C. on H. face,
with 5 grooves on S. and C.
faces, and raise a mound

Subdivision of T. 26 S. R. 6 W. Continue

Chains

of stone, 2 ft. base, 12 ft. high. It. of cor.	
Pts. impracticable.	
Land rolling.	
Soil stony	3 rd Rate -
No timber	
Dense undergrowth	5.00 chs.

Nov. 20: At this cor. we set off
19° 43' S. on the decl. sec. And at
11° 46' A. M., L. 8m. L. observe the
sum on the meridian, the
resulting stat. is 38° 33' N.

From the cor. set for secs. 5 & 8, which cor.
we remark as the cor. of secs. 5 & 8 only. We run
L. 1° 2' N. - dist. - secs. 5 and 6.

Descend over rolling land
through sparse timber - a
Scrub oak, and scattering
cedar and pinion timber?

6.50 Bottom of ravine 60 ft. deep.
Course N. W.

36.00 Bottom of ravine, 100 ft. deep.
Course N. W.

40.00 Set a trachyte test 6x10x4 ins. 11
ins. in the ground. for 4 sec.
Cor. marked 4 S. 5,

or C. faces: and from which
a cedar, 16 ins. diam., bears 41.58° C.

46 lbs. dist. marked 4 S. 5. B. T.

a cedar, 12 ins. diam., bears 5.73° W. 40
lbs. dist. marked 4 S. 6, B. T.

74.08 Intersect It. body of township,
5th Standard Parallel South.
W. 19.47 chs. dist. of cor. of secs.
31 and 32

hitherto described.

Set a trachyte test 4x8x5 ins. 10 ins.
in the ground. for Closing cor.

Subdivision of T. 26 S. R. 6 Jr. Concluded.

Chains

of sec. 5 and 6, marked C.C.
on S face, with 5 grooves on
E. and 1 groove on W. faces;
and raise a mound of stone,
8 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
Ruts impracticable.

Land rolling.

Soil - stony 3rd Rate

Timber cedar ..

Dense undergrowth 94.08.00.
November 20, 1900.

General Description

This township is entirely mountainous and the soil is generally stony.

It extends from the top of the divide of the Tuscar mountains in the eastern portion of the township to the foothills in the western portion, the altitude ranging from about 6000 ft. to 8000 ft.

In places - this township is covered with groves of pine and aspen or cedar and piñon timber and is generally covered with a growth of dense undergrowth and nutritious grasses, making it an excellent range.

The township is watered by Cone and Pine Creeks and by numerous springs, but all the water, with the exception of Pine Creek, sinks before it reaches

General Description of T. 26 S. R. 6 Jr. Concluded

the N. or W. boundary.

The water of Pine Creek is used for irrigating Pine Creek Valley, west of this township. Sulphur deposits are found in sec. 7.

The town of Sulphurdale is situated in S. W. 1/4 sec. 7.

The Utah Sulphur Co. plant for mining and refining sulphur, is located there. There is a store, post office and about 30 dwelling houses.

The town has no regular streets, and the dwelling houses are promiscuously built, being occupied in the summer time by employees of the Sulphur Co.

The estimated population in the summer time is about 100, in the winter time the town is deserted.

There are no permanent settlers in this township. With the exception of sec. 7 there is no mineral found in this township.

Hubert D. Page
Harry Erwin,
C. I. Deputy Surveyors.

There being no notary public or other
officer authorized to administer oaths
within reasonable distance at the
beginning or ending of the Survey,
in order to save time and
expense I administered the
preliminary and final oaths
myself

Hubert S. Page
H.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by
....., United States Deputy Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted
....., United States Deputy Surveyor, in surveying all
those parts or portions of the

.....
.....
.....
.....
.....

....., *of the*

....., *meridian, of , which are represented*

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
General for

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this }
day of , 189 }
.....



418
4/6-47
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BOOK A-285

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blain, Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of subdivision of 1/26 S.
R. 5th 6 M.

base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Erwin
United States Deputy Surveyor

Subscribed by said Harry Erwin, and sworn to before me }
this 25 day of May 1901, 189 }



Edward H. Anderson
U. S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

189

The foregoing field notes of the survey of _____

executed by _____
under his contract No. _____, dated _____, 189_____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry E. Fisher, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivisions of R.R. & S. R. 53 of the Lake McRae & Henderson Tract, showing the respective capacities in which they acted:

Harvey D. Fitch, Chairman.
Wm. A. S. Dawson, Chairman.
Hubert Price, Moundman.
Orson M. Allard, Moundman.
Orson M. Allard, Arman.
Orson M. Allard, Arman.
Orson M. Allard, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry E. Fisher, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivisions of R.R. & S. R. 53 of the Lake.

Lake Passerend meridian, State of N.Y., 1861, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for 1861:

Orson M. Allard, Chairman.
Wm. A. S. Dawson, Chairman.
Hubert Price, Moundman.
Orson M. Allard, Moundman.
Orson M. Allard, Arman.
Orson M. Allard, Arman.
Orson M. Allard, Flagman.

Subscribed and sworn to before me this 21st day of November, 1860

800000
800000

Hubert D. Page
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I,

Hubert D. Page

solemnly swear that, in pursuance of a contract received from
United States Surveyor General for

24th

November

, 1897, I have well, faithfully, and truly, in my c
proper person, and in strict conformity with the instructions furnished by the United States Surveyor
General for

Utah

, the Manual of Surveying Instructions, and the laws of the

United States, surveyed all those parts or portions of

Subdivision of S. 26

R.S. 5th 16th 7th

United States Deputy Surveyor,

Jacob B. Blais
Utah

, bearing date of

1897

of the

Salt Lake

base and meridian, in the State of Utah, which are represented in
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly
swear that all the corners of said survey have been established and perpetuated in strict accordance with
the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor
General for

Utah

, and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page

United States Deputy Surveyor

Subscribed by said *Hubert D. Page* and sworn to before me

this 25th day of May 1901, 1897



Edward H. Anderson

U.S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 3, 1902, 1897

The foregoing field notes of the survey of the *Subdivision of Ironville, 26th Range West of the Salt Lake Base and Meridian, Utah*

executed by

Hubert D. Page and Harry C. Smith

under his contract No. 930, dated October 12th, 1897, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor Gen.

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.

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S.G.B.

FIELD NOTES

OF THE SURVEY OF THE

South ^{and} West
Boundaries
of
Township No. 26 South
Range No. 7 West

of the Salt Lake Base and Meridian,
In the state of Utah

AS SURVEYED BY

Hubert D. Page and Harry Evans, United States Deputy Surveyors
Under his Contract No. 132, dated November 24th, 1899
 Survey commenced May 20th, 1890
 Survey completed June 2nd, 1890

C-161

	m. chs. dms.
S - Poly high	4-76-24 ✓
" dmg	7-00 ✓
M - Poly - high	5-36-00 ✓
" low -	43-75 ✓
" dmg -	1-38.✓

NAMES AND DUTIES OF ASSISTANTS.

Woolf J. Kind, chairman

Harry A. Rager "

Jay Morrison "

William O. Nalguish "

Charles C. Scanlan moundsman

Vainick Hansen "

Charles C. Scanlan alman.

Vainick Hansen "

Vainick Hansen play man

BOOK A-285

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
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19	20	21	22	23	24
20	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, J. Brind, Hubert Page, Jay Morrison and William O'Galley,

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

South West boundaries of 926 S. R. 77, E. bdy. of 927 S. R. 67,
all Lake Superior, state of Michigan,
Floyd Brind. Harry A. Taylor, Chainman

Jay Morrison. William O'Galquist, Chainman

Subscribed and sworn to before me this 27

day of May, 1891 }



Hubert D. Page,
U.S. Deputy Surveyor

We, Charles C. Scanlan and Marvin Hansen

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

South West bdy. of 926 S. R. 77, E. bdy. of 927 S. R. 67,
all Lake Superior, state of Michigan,
Charles C. Scanlan, Moundman

Marmill Hansen, Moundman

Subscribed and sworn to before me this 27

day of May, 1891 }



Hubert D. Page,
U.S. Deputy Surveyor

We, Charles C. Scanlan and Marvin Hansen

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn-

and other duties, according to instructions given us, to the best of our skill and ability, in the survey
South West bdy. of 926 S. R. 77, E. bdy. of 927 S. R. 67,
all Lake Superior, state of Michigan,
Charles C. Scanlan, Axman

Marmill Hansen, Axman

Subscribed and sworn to before me this 27

day of May, 1891 }



Hubert D. Page,
U.S. Deputy Surveyor

I, Marvin Hansen, do solemnly swear that I will well and tr-

perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the
survey of South West bdy. of 926 S. R. 77, E. bdy. of 927 S. R. 67,
all Lake Superior, state of Michigan.

Marmill Hansen, Flagman

Subscribed and sworn to before me this 27

day of May, 1891 }



Hubert D. Page,
U.S. Deputy Surveyor

34
42

South boundary of T. 26 S., R. 7 W.

Cks.

May 28th 1901.

On account of the snow in the mountains on the higher portions of this contract,

Viz.: T. 27 S., R. 5th 6th W.
He cannot proceed with the said townships in the order designated;

Therefore, to avoid delay and take advantage of the season,

He begins the survey of T. 26 S., R. 7 W.

Survey Commenced

May 28th 1901.

And executed with a ^{2nd end} L. E. Gurley Transit No. - with solar attachment, the horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, and found correct, and approved by the Surveyor general for Utah.

May 25th 1901.

He examined the adjustments of the transit and find them correct; then to test the solar apparatus, by comparing its indications, resulting from

South bdy. of R. 26 S., R. 7 W. continued.

Solar observations, made during a. m. and p. m. hours, with a true meridian determined by observation on Polaris. We proceed as follows:

At the C. of the sec. 35th 36th, on the S. bdy. of T. P.

Latitude $38^{\circ}30' N.$,

Longitude $112^{\circ}38' 34' W.$,

which is a trachyte $8 \times 10 \times 6$ ins. above ground marked as described by the Surveyor general,

We set off $38^{\circ}30' N.$ on lat. acc. $21^{\circ}26' 4''$ on dec. arc; and at 4 p. m., l. m. t., determine with the solar a true meridian and mark a point thereon on a stone firmly set in the ground 5 chs. n. of our station.

May 28th 1901.

May 29th, 1901.

At 2 h 57 m. a. m., l. m. t., we observe Polaris at eastern elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the ground, 5 chs. N. of our station.

At 6 a. m., l. m. t., we lay off the azimuth of Polaris, $1^{\circ}34' 10''$ to the E. of the true meridian thus determined, falls on the mark made from p. m. solar observation.

South boundary of T. 26 S., R. 7 W. continued.

At 7 a.m., l.m.t., I expect off $38^{\circ}30'$ N. on lat. acc: $21^{\circ}35'N$. on decl. acc: the true meridian thus determined falls on the mark, made from the p.m. solar observation and is identical with the Polaris observation.

The solar apparatus by p.m. and a.m. observations, defines true meridian, same as by Polaris observation, therefore, the adjustments of the instruments are correct.

The magnetic bearing of the true meridian at 7 is a.m. is N. $16^{\circ}00'37''$ E.; the angle thus determined, reduced by the table, page 100, gives the mean mag. decl. $N\ 15^{\circ}56'E.$

From the cor. already described I expect East on a random line along the S. side of sec. 36.

4000 Set temps. to sec. cor.
7853 Traverse Guide Meridian
7th of the cor. of T. 26
27th R. 7. Off 7th sp.

This is beyond the limits of 21 minutes of Acc. Therefore we destroy all marks on the previously set cor. pertaining to R. 7. ^{Mark off N. 7th cor. of T. 26 R. 7th only.} 3d at point of intersection, set a trachyte stone, $12 \times 8 \times 7$ ins. 8 ins. in the ground for closing cor. of T. 26 R. 7th S. R. 7th.

South boundary of T. 26 S., R. 7 W. continued.

Chains.	
	Marked S.C.T.P. with 6 grooves on the N. T. 27 S. and 6 grooves on the S. T. 26 S. and 6 grooves on N. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of lot. It's impracticable. Then I run West on a true line along S. bdy. of T.P. Sec. 36.
	Descending through dense sage ^{and} oakbrush, and scattering Cedar.
38.53	set a trachyte ^{stone} , 14 x 10 x 8 ins. spins. in the ground for 1/4 sec. cor. marked 1/4 S. 36 and N. face, on S.
	raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of lot. It's impracticable
- 78.53	The cor. of secs. 35 ^{and} 36 land, Mountainous Soil, stony 3 rd rate. Timber, scattering and dense under- growth. 78.53 chrs.

From the cor. of secs. 2, 3, 34
^{and} 35 on the S. bdy. of T.P.
which is a trachyte, 12 x 8 x 4
ins. above ground, m-
marked as described by the
surveyor general.

I run West
along the S. bdy. of T.P. bet Sec 3
^{and} Sec. 34.

Ascending through dense

South boundary of T. 26 S., R. 7 E., continued

Chains,	sage & oak brush.
40.00	Set a trachyte ^{stone} 14x8x4 ins., 10 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4} S. 34$ on N. 30° S. faces, raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. N. of cor. Pits impracticable.
48.50	Dry run course N.
75.00	Ridge ^{and} mountain 1000 ft. above sec. cor. Beals N. ^{and} S. descend. Through scattering Mahog- any
- 80.00	Set a trachyte ^{stone} 18x14x5 ins., 12 ins. in the ground for cor. of secs. 34, 33 ^{and} 34. marked with 3 notches on the E. ^{and} W. edges. raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable. Land, mountainous Soil, stony ^{3rd} ^{and} ^{4th} rate. No timber Mountainous land ^{and} dense undergrowth 80.00 chrs.

Spur

On south bdy. of sp. bat. sec. 44
and 33

Descending, through dense
sage ^{and} oak, scattering cedar,
dry ravine 75 ft. deep
drains S. W.
spur, projects S. W.

160

8.00

Strat. boundary of T. 76 S., R. 77 W. continues.

Chains.

- 15.50 Ravine, 150 ft. deep
course S.
- 25.00 Spur, projects S.
- 37.00 Ravine, 250 ft. deep
drains S.
- 40.00 Set a trachyte stone 14 x 12 x 6 ins.
10 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4} 5 33$ on
N. 400 ft. face, raised a
mound of stone 2 ft. base,
 $1\frac{1}{2}$ ft. high. N. of cor.
Pits impracticable
- 44.00 Ridge 500 ft. above sec.
cor. bears N. $^{\circ} 45$ S. descend
- 80.00 set a trachyte stone 14 x 9 x 6 ins.
10 ins. in the ground for
cor. species 4, 5, 32 $^{\circ} 33$
marked with 4 notches on
the E. and 2 notches on the
W. edges; raised a mound
of stone 2 ft. base, $1\frac{1}{2}$ ft. high
 $\frac{1}{4}$ of cor. Pits impracticable
A cedar 12 ins. in diam. bears
N. $33^{\circ} E.$ 66 lbs. dish marked
T. 76 S. R. 77 W. S. 33 B.D.
No other trees within limits.
Sand, mountainous
soil, stony
Timber, scattering cedar.
mountainous land, $\frac{1}{2}$ dense
undergrowth 80.00 chs.

May 29th 1901.

The set off 213136°
S. on decl. and; and at 11.57 a.m.
S. n. d., observe the sun
on the meridian the
meriting latitude is
 $38^{\circ} 36' N.$

South boundary of 9.26 S. R. 7 W. continued.

chains.

- West
On South boundary of 9.26 S.
sec. 5 ^{and} 32
- Descending through dense
Artemesia ^{and} oak brush.
- 40.00 Set a sand stone 16x12x5 ins.
11 ins. in the ground, for
1/4 sec. cor. marked 1/4 S. 32
on N. & on S. faces.
raised a mound of stone
2 ft. base, 1 1/2 ft. high. N. of lot.
Pits impracticable.
A cedar 6 ins. in diam. bears
N. 30° W. 60 lbs. disk. marked
1/4 S. 32 B. 9. enters scattering cedar.
Rocky Spur. projects S.
dry ravine, soaks deep
drains S. E.
- 48.00
62.00
- 80.00 Set a granite rock 18x12x8
ins. 12 ins. in the ground
for cor. of secs. 5, 6, 31 ^{and} 32
marked with 5 notches on
the E. and 1 notch on the W.
edges, raised a mound of stone
2 ft. base, 1 1/2 ft. high. N. of
cor. Pits impracticable.
A cedar 10 ins. in diam.
bears N. 26° E. 11 lbs. disk. marked
9. 26 S. R. 7 W. S. 32 B. 9.
A cedar 10 ins. in diam.
bears S. 1° E. 6.5 lbs. disk. marked
9. 27 S. R. 7 W. S. 32 B. 9.
A cedar 3 ins. in diam. bears
N. 44° W. 6.4 lbs. disk. marked
9. 26 S. R. 7 W. S. 31 B. 9.
No other bearing trees
within limits.
Land, mountainous

South boundary of T. 26 S., R. 7 W. continued

Chains	Soil, stony. 7 rd & 8 th plat. Timber, scattering Cedar. Mountainous land and dense undergrowth	80,000 chs.
	Rest	
	On South bdy. of T.P. bet. sec. 6 ^{and} 31.	
	Ascending through dense sage and scattering cedar	
25.00	Shrub projects N.E.	
30.00	Ravine, both deep drains N.E.	
39.00	Saddle on ridge bears N.W.	
40.00	Set a sandstone 4x12x5 ins. 10 ins. in the ground for 1/4 sec. cor. marked T. 26 S. 31 on N. E. 60° S. faces raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.	
	Pits impracticable	
	A Cedar 24 ins. in diam. bears T. 26 E. 125 60° S. dist. marked T. 26 S. 6 B. 9.	
	No other bearing trees within limits.	
4450	Dry run. Course N.W.	
6100	Quartzite ledges 25 ft. high bear N.E. ^{and} S.W.	
-77.71	Allowing for convergence of meridian	
	Set a lava rock 18x15x12 ins. 12 ins. in the ground, for cor. of T. 26 S. 31 R. 7 W. marked T. 26 S. on N.W. R. 7 W on N.E. 1/2 S. on S.E. R. 8 W on S.W. faces with 6 notches on each edge raised a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.	
	Pits impracticable	
	Soil, stony 3 rd plat.	

South boundary of T. 26 S., R. 7 W. concluded

Chains

Pine, scattering Cedar
Mountainous land and
dense undergrowth 77.71 Chrs.
May 29th 1901.

West boundary of T. 26 S., R. 7 W.

May 30th 1901.

At 7 a.m. l.m.t. "We set off
 $38^{\circ}30'N.$ on lat. arc: $21^{\circ}45'N.$
 on decl. arc; and determine
 a true meridian with
 the solar, at the cot. of
 Tps. 26th 27th S., Rs. 7th & 8th E.
 Set by us. & hectome described
 Thence we run
 North on West boundary
 of Tp.

Dist. secs. 31 and 36.

Descending over rolling
 land, through dense oak
 and sage, scattering cedar.
 Set a lime stone 12x10x8 ins.
 8 ins. in the ground for 1st
 sec. cot. marked $\frac{1}{4}$ S. 36 on
 N. 31 on E. faces,

From which a cedar 20 ins.
 in diam. bears $3.60^{\circ}W.$ 28
 lps. dist. marked $\frac{1}{4}$ S. 36 B.T.
 A cedar 8 ins. in diam.
 bears $3.59^{\circ}E.$ 50 lps. dist.
 marked $\frac{1}{4}$ S. 31 B.T.

-80.00 Set a quartzite 16x14x6 ins.
 11 ins. in the ground for
 Cot. of secs. 28, 30, 31 and 36.
 marked with 5 notches on

West boundary of T. 26 S., R. 7 W. continue.

chains.

the N. and 1 notch over the S. edges. raised a mound of stone 2 ft. base, $\frac{1}{2}$ ft. high of. of lot. Its impracticable. A cedar 8 ins. in diam. bears N. $52^{\circ} E.$ 38 lbs. dist. marked T. 26 S., R. 7 W. S. 30 B.G.

A cedar 6 ins. in diam. bears S. $8^{\circ} 30' E.$ 6 lbs. dist. marked.

T. 26 S., R. 7 W. S. 31 B.G.

A cedar 10 ins. in diam. bears S. $47^{\circ} W.$ 23 lbs. dist. marked T. 26 S., R. 8 W. S. 36 B.G.

No other bearing trees within limits.

Land, mountainous	
soil stony	3 rd rate.
Timber, scattering cedar,	
Mountainous land and dense- undergrowth	80.00 cha.

Walk on West boundary of
T. 26 S., sec. 25 $\frac{4}{3}$ to 30,
Ascending over rolling land
through dense sage and
scattering cedar.

40.00 Set a saw rock $15 \times 10 \times 5$ ins.
 10 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} S. 25$ on N.F.
 31 on E. faces.

From which a cedar 6 ins. in
diam. bears S. $45^{\circ} W.$ 6 lbs. dist.
marked $\frac{1}{4} S. 25$ B.G.

a cedar 20 ins. in diam. bears
S. $75^{\circ} E.$ 42 lbs. dist. marked
 $\frac{1}{4} S. 30$ B.G.

44.00 Spur, projects E. - .

55.00 Foot of spur leave cedar
bear E. and S.F.

West boundary of N 26 S, R. 7 T. continued.

chains. 80.00	set a lava rock 18x10x6 ins. spine in the ground & stone, for cot. of secs. 19, 24, 25 ^{and} 30, marked with 4 notches on N. and 2 notches on S. edges, raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cot. Pits impracticable. Land, rolling soil, stony 3rd ^{and} 4th rate. Timber, cedar Dense undergrowth 8000 chs.
------------------	---

North

On West boundary of Tp.
Set. bcs. 19 ^{and} 24.

Does rolling land through
Amel artemisia

9.10	wagon road, bears E. ^{and} N.
40.00	set a lava rock 15x10x4 ins. 10 ins. in the ground, for 1/4 sec. cot. marked 1/4 S. 24 on N. 19 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cot. Pits impracticable.
80.00	set a lava rock 15x10x10 ins. 10 ins. in the ground for cot. of secs. 19, 18, 19 ^{and} 24, marked with 3 notches on the N. ^{and} S. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cot. Pits impracticable Land, rolling soil, stony 3rd rate.

West boundary of 926 S., R. 77^W. continued.

Chains			
	No timber Dense undergrowth	80.00 chs	
	May 30 th 1901		At this cor. I placed set off 21° 46' N. on decl. alt.; and lat. 11 h. 57 m., a.m. l. m.t., Observe the sun on the meridian. The resulting latitude is 38° 33' N.
40.00	North On West bdy. of 9 th bet. secs. 13 and 18. Ascending over rolling land through dense pasture set a lava rock 4x8x6 ins., 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 13 on N. 18 on E. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable.		
5700	Ridge, bears E. & N. 80.00 set a lava rock 2 1/2 x 1 1/2 x 3 ins. in the ground, mound of stone, for cor. of secs. 7, 1 1/2, 13 and 18, marked with 4 notches on the S. and 2 notches on the N. edges, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable.		
	Land, rolling. Soil, stony No timber Dense undergrowth	4 th rate	80.00 chs

West boundary of T. 26 S., R. 7 W., continued.

Chains.

North

On West bdy. of Tp.
bet. secs. 7^{and}, 1².

Ascending through dense
artimesia

30.00	Spur, projects N.
40.00	Sit a lava rock 16x10x4 ins. 11 ins. in the ground for 1/4 sec. cot. marked 1/4 S. 12 on N. 7 on E. faces, raised a mound of stone 2 ft. base 1 1/2 ft. high N. of Cot.
77.00	Its impracticable Lava rock spur, projects N.
-80.00	Sit a lava rock 16x9x9 ins. 11 ins. in the ground for Cot. of secs. 1, 6, 7 ^{and} 12. Marked with 5 notches on the S. and 1 notch on the N. edges raised a mound of stone 2 ft. base, 1 1/2 ft. High N. of Cot. Its impracticable!
	Land, rolling Soil, stony. Sparse no timber Dense undergrowth 8000 chs

North

On West bdy. of Tp.
bet. secs. 1^{and} 6^{1/2}.

Over rolling land, through
dense artimesia

36.00	Enters flat.
	Leave dense artimesia.
40.00	Sit a lava rock 14x8x6 ins. 10 ins. in the ground for 1/4 sec. cot. marked 1/4 S. 1 on

West boundary of T. 26 S., R. 7 W. concluded

Chains

W. 6 on E. faces,
raised a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high S. of Col.
Pits impracticable.

May 30th 1901.

June 2 1901.

79.75

Dintevick
5th Standard Parallel South
1.38 chs. West of the col. of
T. 25 S., R. 7th 8th.

Set by Mr. Macclaffey described
Set a lava rock 30x14x5 ins.
in a mound of stone for
Closing Col. to
T. 26 S. R. 7th 8th.

marked C.C.T. 26 S. Spalt 6 grooves
on S. R. 7 W. with 6 grooves
on the E. R. 8 W. with 6
grooves on the N. faces,
raised a mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high S. of Col.
Pits impracticable

Land rolling

Soil, stony slate

No timber

Dense undergrowth 36.00 eph.

June 2nd 1901.

For general description
see subdivisions.

Hubert D. Page,
Harry Ervin,
U.S. Deputy Surveyors

(Boundaries of S. 1/2 Sec. R. 77^E.

Latitudes, departures and closing errors.

Line designated	Purposing	Distance	Latitude Departure		
			N.	S.	E.
5 th Standard Parallel	West	481.38			481.38
W. bdy.	South	479.75	479.75		
" "	East	397.71		397.71	
D. " Sec. 36	East	78.53		78.53	
" " "	East	3.87		3.87	
E. " " "	North	7.00	7.00		
E. "	"	312.87	312.87		
E. Sec. 12	N. 056° E	80.48	80.48		1.31
E. " 1.	N. 030° E	80.03	80.03		.70
Convergency					58
		480.38	479.75	482.12	481.96
		479.75		481.96	
Error in Lat & Dep.		63.		.16	

Hubert D. Payton
Harry Erwin.
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

, Chainman.

, Chainman.

, Moundman.

, Moundman.

, Axman.

, Axman.

, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

, United States Deputy Surveyor, in surveying all

those parts or portions of the _____

of the _____

meridian, _____, of _____, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor

General for _____

, Chainman.

, Chainman.

, Moundman.

, Moundman.

, Axman.

, Axman.

, Flagman.

Subscribed and sworn to before me this _____

day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 189_____, I have well & faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

of the _____
meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

[Signature] *John H. Page* *United States Deputy Surveyor.*

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

John H. Page, June 3, 1902, 189
*The foregoing field notes of the survey of the Smith & Hart Brand's
of Township 36 South Range 7 West of the Salt Lake
Base of Meridian, Elkhorn.*

executed by *John H. Page* *Red Hand Brand*
under his contract No. 232, dated _____, 189_____, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Hunter
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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H. S. B.

FIELD NOTES

OF THE SURVEY OF THE

*Subdivision
of
Township No 26 South
Range 7 West.*

*of the Salt Lake Base and Meridian,
In the state of Utah*

AS SURVEYED BY

*Hubert D. Page, Third Party Engineer, United States Deputy Surveyor,
Under his Contract No. 737, dated November 24th, 1899*

Survey commenced May 31st, 1890

Survey completed June 9th, 1890

6-101

Miles - 46-66-253 ✓ " " 10-00 ✓ " " 43-45 ✓	M. Ch. 46- " " 10-00 " " 43-45
---	--------------------------------------

BUREAU OF THE CENSUS
NAME AND DUTIES OF ASSISTANTS.

Dor J. Brind

Chambersman

Harry A. Rager

"

Jay Morrison

"

William O'Hallquist

"

Charles C. Stanton

Moundman

Varnick Spansert

"

Charles C. Stanton

Almanac

Varnick Spansert

"

Varnick Spansert

Hagman

BOOK A-285

INDEX DIAGRAM.

Township , *Range*

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, Frank J. Brind, Harry A. Fager, Jay Morrison and William O. Halgquist

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of Subdivision of 9 1/2 S., R. 7 1/2 N. of the Salt Lake base line, State of Utah.

Frank J. Brind.

Harry A. Fager, Chainman.

Jay Morrison.

William O. Halgquist, Chainman.

Subscribed and sworn to before me this 27th

day of May, 1890 } }



Hubert D. Page.

U.S. Deputy Surveyor

We, Charles C. Scanlan

and Hainick Hansen

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

Subdivision of 9 1/2 S., R. 7 1/2 N. of the Salt Lake base line, State of Utah.

Charles C. Scanlan, Moundman

Armanich Hansen, Moundman

Subscribed and sworn to before me this 27th

day of May, 1890 } }



Hubert D. Page.

U.S. Deputy Surveyor

We, Charles C. Scanlan

and Hainick Hansen

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of other and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

Subdivision of 9 1/2 S., R. 7 1/2 N. of the Salt Lake base line, State of Utah.

Charles C. Scanlan, Axman

Armanich Hansen, Axman

Subscribed and sworn to before me this 27th

day of May, 1890 } }



Hubert D. Page.

U.S. Deputy Surveyor

I, Hainick Hansen

do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the

survey of Subdivision of 9 1/2 S., R. 7 1/2 N. of the Salt Lake base line, State of Utah.

Armanich Hansen, Flagman

Subscribed and sworn to before me this 27th

day of May, 1890 } }



Hubert D. Page.

U.S. Deputy Surveyor

Subdivision of T. 26 S., R. 7 W.

Note:

May 31st, 1901.

On account of
the snow in the mountains
on the higher portions of
this contract.

Tig. T. 27 S., Rs. 5th & 6th sp.
We cannot proceed with
the said townships in
the order designated;
Therefore, to avoid delay
and to take advantage
of the season,
We begin the survey
of T. 26 S., R. 7 W.

Survey Commenced

May 31st 1901.

And executed with a T. P. and
L. C. Guley Transit No. 1.
Described, tested and recorded
in book Zth
of this survey.

At the cor. of secos. 25, 26, 35th & 36,
which is a brick-to-stone 8x10x6
in above ground, marked
as described by the surveyor
general. At 7 a.m., l. m. t.,
We set off 38° 31' N. orw. lat.
azl. 21° 54' N. orw. decl. and
determine a true merid
ian with the solar.
Hence we run

East on a random line
bet. secs. 25th & 36.

4000 set a temp. 1/4 sec. cor.

87.32 Intersect Guide Meridian
7.00 Chs. S. of the cor. of
secs. 25, 30, 31, 36.

We change marks relating
to Tp. 26 S. R. 7 W.

Subdivision of T. 26 S., R. 7 W., continued.

Chains.

- Set a trachyte $\frac{1}{2} \times 6 \times 6$ ins. 11 ins.
in the ground for closing
Cot. to secs. 25^{and} 36.
Marked C.C. on N. with 5 grooves
on the N. and 1 groove on S. faces,
raised a mound of stone 2 ft.
base, 1/2 ft. high N. of Cot.
Pits impracticable.
Hence he run
West on a true line
bet. secs. 25^{and} 36.
Descend along N. side
of ridge, bears E.^{and} N.
through dense artemesia ^{and}
oak brush.
- 3650 Spur, projects N. N.
4232 Set a trachyte $\frac{1}{2} \times 3 \times 10$ x 7 ins.
9 ins. in the ground for
 $\frac{1}{4}$ sec. cor. Marked $\frac{1}{4}$ S. 25
on N. 36 on S. faces, raised
a mound of stone 2 ft.
base, 1/2 ft. high N. of Cot.
Pits impracticable.
- 8232 The Cot. of secs. 25, 30, 31^{and} 36.
Land, rolling
soils, stony 2nd ^{and} 3rd rate.
no timber
Dense undergrowth 8232 Chs.

From the cor. of secs. 23, 24,
25^{and} 26, which is a trachyte stone
 $12 \times 10 \times 6$ ins. above ground
marked

as described by the surveyor
general.

East on a random line
bet. secs. 24^{and} 25.

11000 set temp. $\frac{1}{4}$ sec. cot.

Subdivision of 9.26 S., R. 7 W., continued.

Chains. 82.25	Intersect Guide meridian 7.07 Chs. S. of the Cst. of secs. 1, 3, 18, 19 ^{and} 24. The change marks relating to 9.26 S., R. 7 W. Set a trachyte stone $15 \times 12 \times 5$ ins. 10 ins. in the ground for Closing Cst. to Secs. 24 ^{and} 25. Marked C.C. or N. with 2 grooves on the S. and 4 grooves on the N faces, raised a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of lot. It's impracticable. There is no spot on a true line bet. secs. 24 ^{and} 25. Descending through dense artemesia ^{grass} scattering cedar. Set a trachyte stone $13 \times 10 \times 6$ ins. 9 ins. in the ground, for $\frac{1}{4}$ sec. cst. marked $\frac{1}{4} S$ $\frac{1}{4} 40$ on N. & N. faces, raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of lot. It's impracticable.
42.25	Dry run, drains N. W. The lot. of secs. 23, 24, 25 ^{and} 26. Land rolling Soil, stony ^{2 m. late.} Timber, scattering cedar Dense undergrowth 82.25 chs.
65.00 82.25	From the lot. of secs. 13, 14, 23 ^{and} 24. which is a trachyte ^{top} $8 \times 8 \times 6$ ins. above ground, marked as described by the Surveyor of General.

From the lot. of secs. 13, 14, 23 ^{and} 24.
which is a trachyte ^{top} $8 \times 8 \times 6$ ins.
above ground, marked
as described by the Surveyor of
General.

Subdivisions of 13,264, R. 7th, continued

claim

- East on a random line
bet. sec. 13 & 24
4000 set temp. 14 per cent.
6150 Intersect Guide meridian
7 Chs S. of the cor. of sec. 13, 14,
4245
7 yesterday, marks pertaining to R. 7th.
Set a teache, $\frac{1}{2} \times 12 \times 3$ pms. 18
in in the ground stone, for closing
cor. to sec. 13 & 24
marked C.C. on N. with 3 grooves
on the N.W. s. faces,
raised a mound of stone 2 ft.
base, 1/2 ft. high. 7 ft. of lot.
It's impracticable
West on a true line
bet. sec. 13 & 24.
Ascend over rolling land
through dense artemesia.
450 Ridge, bears N.E. $\frac{1}{2}$ S. E.
5150 Set a teache, $\frac{1}{2} \times 12 \times 3$ pms 18 pms
in a mound of stone earth.
14 per cent. cor. marked 1/2 S. 13 on
N. 24 on S. faces.
raised a mound of stone 2 ft.
base, 1/2 ft. high. 7 ft. of lot.
It's impracticable.
The cor. of sec. 13, 14, 23 & 24
land, rolling
soil, stone, 2 1/2 pds.
no timber.
Base under ground, 8.5 dcs.

May 31st 1901

At this cor. we set
off 21.5 ft. on decl. all and
at 1150 m. m. to observe the
elevation the morning the
resulting fall is 38.3 m.

Subdivision of 9.26 S., R. 7 W. continued.

Chains, ~~Hogback~~ C. 34, 33rd, 34th Udy. of P. hitherto described.

North

On section guide meridian
U. S. sec. 33rd and 34th.

Over rolling land, through
dense artemesia, scattering cedar
and mahogany.

30.00	Ascend S. slope of knoll on slide rock.
40.00	Set a lava rock, 18 x 10 x 8 ins. 12 ins. in the ground ^{and} stone, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. 33 rd on N. 34 th on E faces, p.
	From which a Pinon tree 12 ins. in diam. bears N. 20° E. 124 lbs. disk. marked $\frac{1}{4}$ S. 34 B.G. A cedar 6 ins. in diam. bears N. 25° W. 22 lbs disk. marked $\frac{1}{4}$ S. 33 B.G.
48.00	Top of rocky knoll
80.00	Set a trachyte ⁸ / ₂ x 14 x 12 x 6 ins. 9 ins. in the ground for Cor. of secs. 27, 28, 33 rd and 34. marked with 1 notch on the S. and 5 notches on the N. edges raised a mound of stone 2 ft. base, 1/4 ft. high ^{N.W.} of cor. Pits impracticable
	Land, rough
	Soil, stony 3 rd rate
	Timber, cedar
	Dense undergrowth 80.00 chs.

June 4th 1901.

At 7 a.m., l. m. t., the sun
off 38° 8' N. on lat. arc; 22° 25' N.
on decl. arc; and determine a
true meridian at the cor.
of secs 27, 28, 33rd and 34.

Subdivision of T. 26 S., R. 77^W. Continued.

Chains.

	Thence N.E. pur North
	On sectional Guide meridian bet. secs. 27 ^{and} 28.
	Descend over rolling land, through dense artemesia.
40.00	Set a trachyte stone 12x10x8 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 28 on N. 29 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high. 7 ^{1/2} of lot. Odds impracticable.
-80.00	Set a quartzite ^{1/2} 14x10x7 ins. 9 ins. in the ground, for cor. of secs. 21, 22, 27 ^{and} 28. Marked with 2 notches on the S. and 4 notches on the N. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high. 7 ^{1/2} of lot. Odds impracticable. Land, rolling soil, stony 1 st rate. No timber Dense undergrowth 80.00 chs.

North

	On sectional Guide meridian bet. secs. 21 ^{and} 22.
	Over nearly level land, through dense artemesia
9.00	1 st ag on road 1/2 wide flat. Bears E ^{3/4} N.
39.00	Enters cor as timbered Bears E ^{3/4} N.
40.00	Set a lava rock 20x20x10 ins. 15 ins. in the ground. Mound of stone, for 1/4 sec. cor. marked 1/4 S. 21 on N, 22 on E.

Subdivision of T. 26 S., R. 7 W. continued.

Chains.

faces,

From which a cedar 6 ins. in diam. bears S. 85° E. 27 lbs. dist. marked $\frac{1}{4}$ S. 72 B.G.

A cedar 8 ins. in diam. bears S. 83° W. 26 lbs. dist. marked $\frac{1}{4}$ S. 21 B.G.

- 80.00

Set a lava rock 12x12x5 ins. 8 ins. in the ground for cot. of secs. 15, 16, 21, ~~22~~, marked T 26 S. on N.E. R. 7 W. on S.E. faces, with 3 notches on N.^{3d} S. edges, raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high of cot. Pit impracticable. A cedar 6 ins. in diam. bears N. 15° E. 9 lbs. dist. marked T 26 S. R. 7 W. S. 15 B.G.

A cedar 7 ins. in diam. bears N. 5° W. 1.00 ch. dist. marked T 26 S. R. 7 W. S. 16 B.G.

No other suitable trees within limits.

Land, rolling

soil, stony

~~1st~~ ^{2d} 3^d plate

Timber, cedar

Dense undergrowth

80.00 ch.

North

On sectional guide meridian bet. secs. 15 ^{and} 16

Ascending over rolling land, through dense artemesia and scattering cedar.

40.00

Set a lava rock 14x8x6 ins. 9 ins. in the ground for $\frac{1}{4}$ sec. cot. marked $\frac{1}{4}$ S. 16 on N. 15 on E. faces, raised a mound of

Subdivision of R. 26 S., R. 77 E. continued.

Chains	Stone 2 ft. base, 1 1/2 ft. high N. of lot. Pits impracticable.
80,00	Set a lava rock 18x14x7 ins 17 ins. in the ground stone, for cor. of secs. 9, 10, 15 & 16, marked with 4 notches on the S. and 2 notches on the N. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of lot. Pits impracticable.
	Land, rolling Soil, stony 3rd rate. Timber, cedar Dense undergrowth 80.00 ch.

June 4th, 1901.

(At this cor. I placed
off 22° 26' N. on decl. arc; and
at 11h 58' M.L. m.t., observe the
sun on the meridian. The
resulting latitude is 38° 33' N.

North

On sectional guide meridian
bet. secs. 9th & 10.

2200	Ascenting over rolling land, through dense timber, and scattering cedars, spur projects E.
3100	Ravine 100 ft deep, drains N. E.
40,00	Set a lava rock 16x10x6 ins. 17 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 4 on N. 10 on E. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of lot. Pits impracticable.

Subdivision of T. 26 S., R. 7 W., continued.

chains	
60.00	spur, flat top. projects E.
65.00	Begin steep descent makes E. ^{3rd} fl.
80.00	set a lava rock 16x 10x4 ins. 11 ins. in the ground for cor. of secs. 3, 4, 9 and 0. marked with 5 notches on the S. and 1 notch on the N. edges. raised a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high. N. of cor. Pits impervious Land, falling soil, stony 3 rd rate. Timber, Cedar Dense undergrowth 8000 oochs.

40.00	<p>North</p> <p>On sectional Guide meridian bet. secs. 3 ^{and} 4.</p> <p>Descending, through dense artemesia and scattering cedar, pinion and service berry brush.</p> <p>Set a lava rock 15x8x5 ins. 10 ins. in the ground for 1/4 sec. cor.</p> <p>Marked 1/45.4 on N. 3 on E. faces,</p> <p>raised a mound of stone 2 ft. base,</p>
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Subdivision of T. 26 S., R. 7 W. Continue.

Chains.

$1\frac{1}{2}$ ft. high.. N. of cor.
Pits impracticable.

A cedar 12 ins. in diam.
bear S. 44° E. 20 chs. dist.
marked $\frac{1}{4}$ S. 44 B.T.

No other suitable trees
within limits.

- 79.68

Intersect

5th Standard

Parallel south.

4.34 chs. N. of the ~~the~~ cor.
sects. 33 $\frac{3}{4}$ 34.

T. 25 S. R. 7 W.

Set by U.S. Surveyor described
set a lava rock $14 \times 8 \times 6$
ins. 9 ins. in the ground
for closing cor. to
sects. 3 $\frac{3}{4}$ 4.

marked C.C. on S.

with 3 grooves on the
E. $\frac{3}{4}$ N. faces.

raise a mound of stone
2 fs. base, $1\frac{1}{2}$ fs. high S.
of cor.

Pits impracticable.

Land, rolling.

soil, stony.

3rd rate.

Timber, cedar.

Dense under-

growth

79.68 chs.

June 4th 1901

Subdivision of T. 26 S., R. 7 W. continued.

Chains.

June 5th 1901.

At 7. a. m., l. m. t., I pe
set off 38° 31' N. on lat. arc;
22° 32' N. on decl. arc; and
determining a true meridian
with the solar, at the cor.
of secs. 27, 28, 33 & 34, huctofo described.
I pe know from petracement, that line bet.
secs. 27 & 34 will not close within limits,
therefore, I pe run East on true line.
bet. secs. 27 & 34.

Descending over rolling
land, through dense
timber.

40.00 Set a trachyte stone, 12x12x
4 ins. 8 ins. in the ground
for 1/4 sec. cor. marked S 1/4
S. 27 on N. 34 on S. faces.
raised a mound of stone
off. base, 1 1/2 ft. high
N. of cor.

Pits impracticable.

Enter heavy cedar
bear N. end S.

Leave cedar, bears N. end S.

Stake under fence, bears N. end S.

Intersect line S. 01' 27" W.

70 ft. from the cor. of
secs. 26 & 35, huctofo described
set a trachyte, 12x8x6 ins. 8
ins. in the ground, for
closing cor. to secs. 27 & 34
marked C.C. on N. with
2 grooves on the E. and 1
groove on S. faces.

raised a mound of stone
2 ft. base 1 1/2 ft. high
W. of cor.

Pits impracticable.

Subdivision of T. 26 S., R. 7 1/2 W. Continued.

Chains

Land, rolling
Soil, clay 2nd rate
Timber, cedar,
Dense undergrowth. 7985 chs.

The know from replacement, line bet.
secs. 22 ^{and} 27 will not close within limits.
Therefore, Prom the cor. of secs. 21, 22, 27 ^{and} 28.

The run

East bet. secs. 22 ^{and} 27

Over nearly level land,
through dense timber.

40.00 Set a blachyte stone 12 x 10 x 6
ins. 8 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 22
on N. 27 or S. faces,
raised a mound of stone
off base, $1\frac{1}{2}$ ft. high N. of
lot.

Pits impracticable.

Intersid. line S. 0° 03' E.

1.22 chs. from the cor. of secs.

23 ^{and} 26. Electrical described

Set a cedar post 3 ft. long
4 ins. square. 24 ins. in the
ground, for closing cor. to
secs. 22 ^{and} 27.

Marked C.C. T. 27 S., R. 7 1/2 W. south N.

S. 22 on N. S. 27 on S.

with 2 grooves on the S.
and 2 grooves on the E. face.

Dug pits 24 x 18 x 12 ins, crosswise each line N.
 $45.3^{\circ} 19' W.$ off post 7 ft. dist. and raised
a mound of earth 4 ft. base,
2 ft. high N. of lot.

Land, nearly level,

Soil, gravelly 2nd rate
no timber

- 79.90

Subdivision of T. 26 S., R. 7 W. continued.

Chains	Dense pinon growth 79.90 chs.
	We know from retrace ment line bet. secs. 15 ^{and} 22 will not close within limits. Therefore, from the cor. of sec. 15, 16, 21 ^{and} 22.
	The run
	East bet. secs. 15 ^{and} 22.
	Descending, through dense <i>artemesia</i> , and scattering cedar.
40.00	Set a lava rock 16x12x4 ins 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 15 on N. 22 on S. faces. raised a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
42.60	Pits impracticable. Lava ledge, 10 ft high projects S. enters heavy cedar timber.
- 79.80	Intersect line S. 0° 10' W. 0.54 chs. . . of the cor. sec 14 & 23. Reclosed described set a lava rock 26x12x12 ins. 18" in the ground for Closing cor. to sec 15 ^{and} 22.
	Marked C.C. on N. with 3 grooves on the S. and N. & E. faces.
	Raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
	Pits impracticable. Land. falling

Subdivision of T. 26 S., R. 7 W. continued

Chains.	Soil, stony Timber, scattering cedar. Dense undergrowth	2 nd my 3 rd rate. cedar.
		79.80 chs.

June 5th 1901.

At the cor. of
secs. 9, 10, 15^{and} 16. We set off
22° 38' N. on decl. arc; and at
11h 58m a.m.l. m.t., observe the
sun on the meridian the
resulting lat. is 38° 33' N
The cor. of secs. 10, 11, 14^{and} 15
not having been established we run
East on true line
bet. secs. 10^{and} 15.

Descending over rolling
land, through scattering
cedars and dense artemesia.
Set a lava rock 10x10x8 ins.
6 ins. in the ground for
1/4 sec. cor. marked 1/4 S. 10.
on N. 15 on S. faces.
raised a mound of stone
2 ft. base, 1 1/2 ft. high N.
of lot.

Pits impracticable:
a cedar 8 ins. in diam.
weas 135° 27'. 25 lbs. dist.
marked 1/4 S. 15 B.T.

No other suitable bearing
trees within limits.

- 80.00 Set a lava rock 20x10x8
ins. in a mound of stone
for cor. of secs 10, 11, 14^{and} 15.
marked with 2 notches on
the E. and 4 notches on
the S. edges.

Subdivision of 9.26 S., R. 7 W. continued.

chains.

raised a mound of stone 2 ft.
base, $1\frac{1}{2}$ ft. high N. of cot.
Pits impracticable

a cedar 3 ins. in diam. bears
 $133^{\circ} E.$, 28 lbs. dist. marked
9.26 S., R. 7 W. S. 14 B.T.

a cedar 4 ins. in diam. bears
 $157^{\circ} 30' N.$, 56 lbs. dist. marked
9.26 S., R. 7 W. S. 15 B.T.

No other suitable trees
within limits

Land, rolling
soil, stony $3\frac{1}{2}$ to $4\frac{1}{2}$ rate

Timber, Cedar

Dense under growth

80.00 chs.

South

bet. secs. 14 and 15.

Descending, through
dense artemesia, cedar
and piñon timber.

40.00

Set a lava rock. $16 \times 10 \times 6$ ins.
11 ins. in the ground, foot
 $\frac{1}{4}$ sec. cot. marked. $\frac{1}{4}$ S. 15
on N. 14 on E. faces,
From which a cedar 4 ins.
in diam. bears $N. 65^{\circ} N.$,
12 lbs. dist. marked. $\frac{1}{4}$ S. 15
B.T.

Cedar 8 ins. in diam. bears
 $156^{\circ} E.$, 8 lbs. dist. marked
 $\frac{1}{4}$ S. 14 B.T.

The cot.

of sec. 14 and 15, heretofore described

Land, rolling
soil, stony $3\frac{1}{2}$ rate

Timber, Cedar and piñon

79.46

Subdivision of T. 26 S., R. 7 W. continued.

Chains:

Dense undergrowth

79.46 chs.

From the cor. of secs.

10, 11, 14 ^{and} 15.

Up run

North

bet. secs. 10 ^{and} 11.

Ascending, through dense
artemesia, cedar ^{and} pinion
timber.

40.00 Set a lava rock $18 \times 10 \times 8$ ins.
12 ins. in the ground ^{and} stone
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4} S. 10$ on N. 11 on E.
faces,

From which a cedar 6 ins.
in diam. bears S. 50° E. 35
lbs. dist. marked $\frac{1}{4} S. 11$ B.G.
A cedar 8 ins. in diam. bears
N. 85° W. 46 lbs. dist. marked
 $\frac{1}{4} S. 10$ B.G.

70.00 Enter scattering

Cedar timber

Leave heavy cedar timber
bears E. ^{and} W.

- 81.00 Set a lava stone $18 \times 10 \times 8$ ins.
in a mound of stone, for cor.
of secs. 2, 3, 10 ^{and} 11. marked with
2 notches on the E. and 5 notches
on the S. edges,

Raised a mound of stone 2 ft.
base, $\frac{1}{2}$ ft. high W. of cor.

Pits impracticable.

A cedar 8 ins. in diam. bears
N. 11° E. 50 lbs. dist. marked T. 26 S.,
R. 7 W. S. 2 B.G.

A cedar 10 ins. in diam. bears S. 30° E.

Subdivision of T. 26 S., R. 7 W. continued.

Chains.

12 lbs. dish.	marked T. 26 S. R. 7 W.
S. 11. B.S.	
Cedar 8 ins. in diam bears	
S. 75° W. 15 lbs dish. marked T. 26 S.	
R. 7 W. sec. 10. B.S.	
No other suitable trees within limits.	
Land, rolling	
Soil, stony	3rd rate.
Timber, cedar,	
Dense undergrowth	
	80.00 chs.

West

bet. secs. 3 & 10. on a random line.

40.00 set temp $\frac{1}{4}$ sec. cot.

8.00 Intersect N. & S. line 13 lbs. S.
of the cor. of secs. 3, 4, 9 & 10.

Thence 2 p. run

S. 89° 54' E. on a true line

bet. secs. 3 & 10. as last through dense artemesia and cedar.

40.00 set a lava rock 15x8x6 ins. 10
ins. in the ground, for $\frac{1}{4}$ sec.
cot. marked $\frac{1}{4}$ S. 3 on N. 10 on
S. faces, from which a cedar
4 ins. in diam bears N. 15° E. 39 lbs.
dish. marked $\frac{1}{4}$ S. 3 B.S.

A cedar 12 ins. in diam. bears.

S. 35° W. 65 lbs. dish. marked
 $\frac{1}{4}$ S. 10 B.S.)

Spur, ridge projects S., descend
the cot.

of secs. 7, 3, 10 & 11.

Land, rolling

Soil, stony 4th rate.

Timber, cedar

Subdivision of T. 26 S., R. 7 W. continued.

Chains	Dense undergrowth 80.00 chs.
	North bet. secs. 2 nd & 3. Over rolling land, through dense artemesia and scattering cedar timber. Set a lava rock 14x10x4 ins. 8 ins. in the ground for 1/4 sec. Cot. marked 1/4 S. 3 on N. 2 on E. faces.
110.00	Raised a mound of stone 2 ^{1/2} base, 1 1/2 f.s. high N. of cot. Pits impracticable Leave timber trees E. and N.
71.00	Leave timber trees E. and N.
79.75	Intersect 5 th standard parallel south. 4.30 chs. 2 ^{1/2} f.s. of the ^{standard} cot. of secs. 34 th & 35 T. 25 S., R. 7 W. ^{height desired} Set a lava rock 12x10x6 ins. 8 ins. in the ground, for cot. of secs. 2 nd & 3. Marked C.C. on S. with 2 grooves on the E. and 4 grooves on the N. faces. Raised a mound of stone 2 f.s. base, 1 1/2 f.s. high S. of cot. Pits impracticable. Land, rolling; soil, stony & late timber, cedar Dense under growth 79.75 chs.
	June 5 th , 1901.

Subdivision off. 26 S., R. 7 W. continued.

Chains

June, 6th 1901.

At 7 a.m., l. m. t.,
I p.e. set off $38^{\circ}33' N.$ over lat.
arc: $22^{\circ}39' W.$ on decl. arc;
and determine a true
meridian with the solar,
at the cor. of secs. 10, 11,
14^{and}, 5

Knowing from retracement line bet.
secs. 11^{and} 14 will not close within limits I p.e.
run East on a true line
bet. secs. 11^{and} 14.

Descending,
through dense artemesas,
scattering cedar and
pinion timber.

40.00 Set a lava rock $12 \times 8 \times 8$
ins. 8 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} S.$ 11 on N. 14 on S.
faces.

From which a cedar
10 ins. in diam. bears
 $N. 5^{\circ} E.$ dist.
marked $\frac{1}{4} S. 11 B. T.$

A cedar 10 ins. in diam.
bears $S. 13^{\circ} W.$ 15 lbs. dist
marked $\frac{1}{4} S. 14 B. T.$

43.00 Leave timber
bears $N. 45^{\circ} S.$

72.00 Waggon road,
bears $N. 45^{\circ} S.$

76.25 Old Desert
telegraph line
bears $N. 45^{\circ} S.$

Subdivision of S. 26, T. R. 7 W. continue

Chains

- 80.00

The old sec. cor
for secs. 11, 12, 13^{and}, 4.
which was described in
resurvey, is 81 lps E^{1/2} N^{1/2} which
was marked at N. W. cor. of sec. 13 only.
This is beyond the
limits.

Therefore,

at this point

Set a lava rock 12 x 10 x
6 ins. 8 ins. in the ground,
for cor. to secs. 11^{and} 12.

Marked with 1 notch
on the E. and 4 notches
on the S. edges.

Raised a mound of
stone 2 ft. base, 1 $\frac{1}{2}$ ft.
high N. of cor.

Its impracticable.

Land, rolling.

soil, stony ^{1st and 3rd plate}
Timber, cedar and pinion

Dense under growth

80.00 chs.

East

bcs. secs 12^{and} 14.

through dense sage brush

0.81 Intersect

N. and S. line

2.42 chs. S. of the N. cor. of
sec. 13.

Set a lava rock 18 x 8 x 4 ins.
7 ins. in the ground and
stone, for closing cor.
to secs 12^{and} 14.

Subdivision of 9.26 S. R. 7 1/2. Continue.

Chains

marked C.C. on N.
with 4 grooves on the S.
and 1 groove on the
E. faces,

raise d a mound of
stone 2 ft. base, 1 1/2 ft.
high. 2 ft. of cor.

Pits impracticable.

Land, level

soil, clay 2 no pate.

No timber

Dense undergrowth

00.81 chs

Knowing from replacement ^{off} line between 11 1/2 fill not
close within limits. From the cor. of ^{sec.}
11 ^{and} 12.

Set by us.

3 pc run

Mark on a true line.
lot, sec. 11 ^{and} 12.

Over nearly level
land through dense
artemesia

14.50 Old Desert Telegraph
line, bears ~~W.E. and S.W.~~.

25.00 Wagon road
leads N.E. and S.W.

40.00 Set a sand stone 18 x 8 x 4
ins. 12 ins. in the ground
for 1/4 sec. cor.

marked 1/4 S. 11 on N. 12 on
E. faces,

raise d a mound of stone 2 ft.
base, 1 1/2 ft. high 2 ft. of cor.

Pits impracticable.

- 80.00 set a lava rock 14 x 8 x 6 ins.
8 ins. in the ground for

Subdivision of T. 76 S., R. 77 E. cont'd

Chains	<p>Cot. of sec. 11 ^{2nd}/2.</p> <p>marked with 5 notches on S. and 1 notch on E. edges, raised a mound of stone 2 ft. base,</p> <p>1 1/2 ft. high S. of cot.</p> <p>Its impracticable.</p> <p>Land, nearly level;</p> <p>soil, clay ^{2 no. rate.}</p> <p>No timber</p> <p>Dense under-</p> <p>growth 80.00 chs.</p>
40.00	<p>Spent on</p> <p>a random line,</p> <p>bet. secs 2 ^{2nd} & 11.</p> <p>Set temp. 1/4 sec. cot.</p>
80.00	<p>Intersect</p> <p>N. ^{2nd} & S. line</p> <p>10 lbs. N. of the cot.</p> <p>of sec. 2, 3, 10 ^{2nd} & 11.</p> <p>Then ce sp. run</p> <p>N 89° 56' E.</p> <p>On a true line</p> <p>bet. secs. 2 ^{2nd} & 11.</p> <p>Descending</p> <p>through dense artemesia</p> <p>and scattering cedar</p> <p>and pinion pine</p> <p>timber,</p>
6.50	<p>Dry run</p> <p>drains N. E.</p>
40.00	<p>set a lava rock 14x8x8</p> <p>ins. 8 ins. in the ground</p> <p>for 1/4 sec. cot. marked</p> <p>1/4 S. 200 ft N. 11 on S. faces,</p>

Subdivision of 9.263, R. 7 $\frac{1}{2}$. continued.

Chains.

Raised a mound of stone
2 ft. base, 1 $\frac{1}{2}$ ft. high N.
of cor.
Pits impracticable:
Leave cedar timber
base N.^{end}s.
The cor.
secs. 11^{3d} 12
Land, rolling
Soil, stony 2nd & 3rd pat.
Timber, cedar
Dense undergrowth

80.00 Chrs.

Knowing from retracement the line
bet. sec. 2^{3d} will not close within limits of run
Cast on true line.

Bet. secs.

2^{3d} 12.

Through dense timber.

430.

Intersect

N.^{end}s. line

28 lbs. N. of this. If cor. of sec. 1.

Previously described in
the resurvey.

Set a sand stone 12 x 10 x 5 ins.

8 ins. in the ground, for
closing cor. to sec. 2^{3d} 12.

Marked C.C. on S. with
5 grooves on the S and 1
groove on E. faces.

Raised a mound of stone. 2 ft.
base, 1 $\frac{1}{2}$ ft. high N. W. of cor.

Pits impracticable.

Land, nearly level;

Soil, clay & sandy 2nd pat.

No timber

Dense undergrowth

430 Chrs.

Subdivision of T. 26 S., R. 7 W. Continued.

Chains:

June 6th 1901.

At the cor. of
secs. 32 and 33 on the S. bdy. of
T. P. hercynia desculped
We set off 22° 39' N. on decl.
alt: and at 11h 58m. a.m. l. m.t.,
observe the sun on the
meridian. The resulting
latitude is 38° 30' N.

Thence we run
N. 0° 0' W.

Int. secs. 32 and 33.

Ascend along N. side of
ridge, through dense artemesia
oak brush and scattering cedar
and pinion timber

Spur, projects N. descend.
Set a sandstone 16 x 12 x 6 ins
11 ins. in the ground, 1 foot.
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} S. 32$ on
N. 33 on E. faces, raised a
mound of stone 2 ft. base,
1 $\frac{1}{2}$ ft. high. N. of cor.

Pits impracticable.
A cedar 24 ins. in diam. bears
N. 62° E. 66 lbs. dist. marked
 $\frac{1}{4} S. 33 B.G.$

No other suitable bearing
trees within limits.

Ravine 75 ft. deep
drains N.

- 80.00 Set a talus top $\frac{1}{4} 4 \times 8 \times 5$ ins.
10 ins. in the ground, 1 foot
Cor. of secs. 28, 29, 32 and 33.
marked with 1 notch on the
S. and 4 notches on the E. edges.
raised a mound of stone 2 ft.
base, 1 $\frac{1}{2}$ ft. high. N. of cor.

Pits impracticable

Subdivision of T. 26 S., R. 7 W. continued.

Chains.

a cedar, 8 ins. in diam. bears
N. 41° E. 39 lbs. dist. marked
T. 26 S., R. 7 W., S. 28 B. 9.

A cedar 12 ins. in diam. bears
S. 70° E. 38 lbs. dist. marked
T. 26 S., R. 7 W., S. 33 B. 9.

A cedar 12 ins. in diam. bears
S. 85° N. 81 lbs. dist. marked.
T. 26 S., R. 7 W., S. 32 B. 9.

No other suitable trees
within limits

Land, rolling

Soil, stony, ^{3rd grade}
Timber, c. Saw ^{and} Pinon.
Dense undergrowth

8000 chs.

Cast on a random line
bet. secs. 28 ^{and} 33.

40.00 set temp. $\frac{1}{4}$ sec. Col.

80.00 Intersect N. ^{and} S. line at the
cor. of secs. 27, 28, 33 ^{and} 34.

Thence N. E. run

West on a tree line
bet. secs. 28 ^{and} 33.

Ascending along the N.
slope of rocky peak
through dense artimesia
and oak brush.

23.00 Ridge, bears N. ^{and} S.

300 ft above Col. descend.

40.00 Set a trachyte stone 14 x 8 x
6 ins. 9 ins. in the ground
for $\frac{1}{4}$ sec. Col. marked 445
28 on N. 33 on S. faces, raised.

a mound of stone 2 ft.
base, 1 $\frac{1}{2}$ ft. high. N. of Col.

Pits impracticable.

Subdivision of T. 26 S., R. 7 W. continued.

Chains.	
51.50	Ravine 150 ft. deep. Course N. W.
70.00	Rocky spur projects N. W. Enter scattering Cedar and Pinion timber, bears N. W. & S. E.
- 80.00	The cor. of sec. 28, 29, 30, 33. Land mountainous soil, stony 4 th rate. Timber, cedar and pinion. Dense undergrowth 8,000 chs.

No. 01 W.

Lat. sec. 28 and 29.

Descending over rolling
land, through dense artemesia
and scattering cedar and
pinion timber.

40.00 Set a trachyte stone 12x9x6
ins. 8 ins. in the ground
for 1/4 sec. cor. marked 1/4 S.
29. or 27. 28 or 29 E. faces.
raised a mound of stone
2 ft. base, 1 1/2 ft. high N. of cor.
Pits impracticable.

80.00 400 ft. below sec. cor.
set a trachyte ~~12~~ 20x20x4
ins. 15 ins. in the ground and
stone marked with 1.
notches on the S. and 4
notches on the E. edges.
raised a mound of stone
2 ft. base, 1 1/2 ft. high N. of
cor. Pits impracticable.
A cedar 6 ins. in diam.

bears N. 6° E. 37 lbs. disk
marked T. 26 S., R. 7 W. S. 21 B. 37
No other suitable trees within
limits.

Subdivision of T. 26 S., R. 7 W. continued.

Chains.

Land rolling and mountainous
 Soil, stones 400' apart.
 Pines, cedar
 Dense juniper growth 80.00 chs.

June, 6th 1901.June, 7th 1901.

At 7 a. m. l. m. t.,
 I p. set off 38° 32' N. on the
 Lat. arc, 26° 45' N. on the cl. arc,
 and determine a true
 meridian with the solar
 at the C. o. offices. 20, 21,
 28th & 29.

Thence I p. run
 East on a true down line
 bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. C. o.
 80.00 Intersect N. E. S. line
 at the C. o. offices. 21, 22, 27th
 28.

Thence I p. run
 West on a true line
 bet. secs. 21 and 28

Ascending through dense
 artemisia

20.00 Top of knole, 150 ft. above.
 Sec. C. o. descend.

29.50 Foot of steep descent.
 bears N. E. S.

40.00 Set a beachite stone 12 x 10
 x 5 ins. 8 ins. in the ground
 for 1/4 sec. C. o. marked 1/4
 S. 21 on N. 28 on S. faces.
 dug pits 18 x 18 x 12 ins. E. and S.
 of stone 3 ft. dist. and raised
 a mound of earth 3 1/2 ft. base,

Subdivision of 9.261, R. 7 N. continued.

Chains,	
80.00	1½ ft. high. N. of cot. The cot. of sec. 20, 21, 28 ^{and} 29. Land broken Soil, stony. 3 rd rate. No timber, Dense undergrowth 80.00 chs.
5.85	N. 0° 0' W. bet. secs. 20 ^{and} 21. Ascend through, dense artemisa dry ground.
6.05	drains E. wagon road Leave E. ^{and} W.
40.00	set a lava stone 12 x 8 x 8 ins. 9 ins. in the ground for ¼ sec. cot. marked 1/4 S. 20 or W. 21 on E. faces, raised a mound of stone 2 ft. base, 1½ ft. high N. of Cot. It's impracticable.
80.00	set a lava stone 20 x 12 x 10 ins. in a mound of stone, for cot. of sec. 16, 17, 20 ^{and} 21. Marked with 4 notches on the E. and 3 notches on the S. edges. raised a mound of stone 2 ft. base, 1½ ft. high. N. of Cot. It's impracticable. Land, rolling Soil, sand & clay 3 rd rate no timber. Dense undergrowth 80.00 chs.

Subdivision of 9.26 S., R. 7 W. Continue

Chains	
	East on a ^{abandon} line bet. secs. 16 ^{and} 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. ^{and} S. line at the cor. of secs. 15, 16, ²¹ _{and} 22.
	Thence N.E. run
	West on a tree line bet. secs. 16 ^{and} 21
	Ascend, through dense artimesia.
6.00	Enter scattering and scrubby cedar. bear N.E. ^{and} S. W.
40.06	Top of spur projects S. Set a lava rock $12 \times 8 \times 7$ ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marks $\frac{1}{4}$ S. 16 on N. 21 on S. faces. raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of lot. Pits impracticable.
58.00	Dry ravine 50 ft. deep. drains S. W.
70.00	Leave cedar bear N. ^{and} S.
80.12	The cor. of secs. 16, 17, 20 ^{and} 21 Land, rolling soil, stones, ⁴ chpate. Timber, cedars. Dense undergrowth 80.12 chps

N. 0° 1' W.

bet. secs. 16 ^{and}, 7.

Descend, through dense
artimesia, scattering cedar
and pinion timber.

6.00 ravine 100 ft. deep.
course N.

Subdivision of 9.20. S., R. 7 W. continued.

Chains

40.00

set a lava rock $12 \times 10 \times 8$ ins.
8 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} S. 17$ on N.
16 on E. faces, raised a mound
of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

It's impracticable.

- 80.00

Set a lava rock $15 \times 12 \times 6$
ins. 10 ins. in the ground
for cor. of secs. 8, 9, 16 and 17.
marked with 4 notches on
the E. and S. edge, raised
a mound of stone 2 ft. base,
 $1\frac{1}{2}$ ft. high. N. of cor.

It's impracticable.

Sand, broken

Soil, stony. 3rd rate.

Timber, Cedar,

Dense undergrowth

8000 chs.

June 7th, 1901.

At this cor. 2 p.m.
set off $22\frac{1}{2}$ m. on decl. arc:
and at 11h58m. a.m. l. m. t., observe
the sun on the meridian.
The resulting lat. is $38^{\circ}33' N.$

Cast on a random line
bet. secs. 9 and 16.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. $\frac{3}{4}$ S. line 7 lbs.

N. of the cor. of secs. 9, 10, 15 and 16

Thence 2 p.m. run

N. $89^{\circ}57'31''$ on a true line
bet. secs. 9 and 16.

Ascending over rolling land
through dense artemesia
and scattering cedar timber.

Subdivision of T. 26 S., R. 7 W., continued.

chains 13.00	Top of ridge 1000 ft. high and summit bears N. ³⁴ S. descend.
34.00	Ravine 150 ft deep course S.
39.95	Set a lava rock 15x8x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 9 on 16 on S faces, raised a mound of stone 2 ft base, $\frac{1}{2}$ ft high N. of Cor. Bits impracticable Ridge bears N. ³⁴ S.
41.00	The Cor. of secs. 8, 9, 16 and 17.
79.90	Land, rolling Soil, stony 3rd rate. Timber, cedar Dense undergrowth 79.90 chs.

X	N. 00° 1' N. bet. secs. 8 and 9.
	ascending over rolling land, through dense artemesia
40.00	Set a lava rock 13x8x6 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 8 on N. 9 on E. faces. raised a mound of stone 2 ft. base, $\frac{1}{2}$ ft. high N. of cor. Bits impracticable
61.00	Summit ridge 8500 ft. sea level. Bears E. ³⁴ S. ascend.
80.00	Set a lava rock 18x10x6 ins. 12 ins. in the ground for cor. of secs 4, 5, 8 and 9. marked with 5 notches on the S. and 4 notches on the E. edges. raised a mound of stone

Subdivision of T. 26 S., R. 7 W. continued.

chain.

2 ft. base, $1\frac{1}{2}$ ft. high. N. of lot.
Ridge impracticable.
Land, rolling
soil, stones 3 grade.
no timber
Dense undergrowth 80.00 chs.

14000

80.10

18957 C. on a random line
bet. secs 4^{and} 9.

set temp 14 sec. cor.

Intersection N. & S. line 7 lbs. S.
of the cor. of secs. 3, 4, 9^{and} 10.

Thin ice specimen

West on a true line
bet. secs. 4^{and} 9. descend
Over rolling land along
N side of mountain, through
dense artemisia ^{and} scattering
cedar

2500

4005

Spur, projects N.

Falls sandstone boulders 6x6x2 ft.
above ground,

Mark 1/4 S. 4 on N. 9 on S. faces.
raised a mound of stone 3 ft
base 2 ft high N. of cor.
Ridge impracticable.

The cor. of secs. 4, 5, 8^{and} 9.

Land, rolling

soil, stones 4 grade

Timber, cedar

Dense undergrowth

80.10 chs.

No 00, N.

Bet. secs 4^{and} 5.

Descending over rolling land
through dense artemisia and

Subdivision of T. 26 S., R. 77^{W.}, continued.

chains.

- 4000 scattering cedar timber.
 set a lava rock 15x10x8 ins. 10
 ins. in the ground, for $\frac{1}{4}$ sec.
 cor. marked $\delta \frac{1}{4}^{\text{S}}$. 500 ft. N. 4 on
 E. faces raised a mound of
 stone 2 ft. base, 1 $\frac{1}{2}$ ft. high
 W. of lot. Bits impracticable.
 Ravine 100 ft. deep.
 course N. 27° as and
 intersected 5th standard Parallel
 South 4.29 chs. N. of the
 Standard cor. of secs. 32 $\frac{3}{4}$ 33
 Previously described.
 set a lava stone 17x10x6 ins.
 11 ins. in the ground, for
 closing cor. to secs. 4 $\frac{3}{4}$ 5,
 marked C.C. on S. with
 4 grooves on E. and 2 grooves
 on N. faces.
 raised a mound of stone
 2 ft. base 1 $\frac{1}{2}$ ft. high S. of
 cor. Bits impracticable X
 Land rolling.
 Soil, stony $\frac{1}{4}$ ft. slate. $\frac{1}{4}$ ft.
 Pines, cedar,
 Dense undergrowth

79.52 chs.
 June 8th 1901.

June, 8th 1901.
 At 7 a.m., l. m. t., I
 set off 38°30' N on lat. arc;
 22°50' N on decl. arc; and de-
 termine a true meridian
 with the solar. at the cor.
 of secs. 31 $\frac{3}{4}$ 32. on S. bdy. of
 T.P. set by us & charted as described
 Thence 3 p.m.
 No. 01 N.

Subdivision off. 26 S., R. 7 W. continued.

(Chain)

bet. secs. 31 ^{and} 32.

Descending over rolling land through dense timber and scattering cedar limbs.

110.00 Set a sandstone 12x10x6 ins.
8 ins. in the ground for 1/4
sec. cor. marked 1/4 S. 31 or N.
32 or E. faces raised a mound
of stone 2 ft. base, 1 1/2 ft. high
sp. of cor. Pits impracticable
- 80.00 set a sandstone 16x12x10 ins. 11
ins. in the ground for cor.
of secs. 29, 30, 31 ^{and} 32, marked
with 5 notches on E. and 1 notch
on S. edges.

From which a cedar 8 ins. in
diam bears N 9° 30' E. 81 lbs dist.
marked 9. 26 S. R. 7 W. S. 29 B. I.
A cedar 3 ins. in diam bears
S 83° 30' E. 129 lbs dist. marked
9. 26 S. R. 7 W. S. 32 B. I.

A cedar 12 ins. in diam. bears
S 54° 30' N. 48 lbs dist. marked
9. 26 S. R. 7 W. S. 31 B. I.

A cedar 6 ins. in diam. bears
N. 51° 30' N. 81 lbs. dist. marked
9. 26 S. R. 7 W. S. 30 B. I.

Land rolling

soil, stones

$\frac{3}{4}$ plate.

1/4 inches cedar.

Dense undergrowth south 80.00 Chs.

East on a random line bet
secs. 29 ^{and} 32.

40.00 set temp. 1/4 sec. cor.

50.00 Intersect. Dr. 9th, line at

the cor. of secs. 28, 29, 32 ^{and} 33.

Hence we run

Subdivision of T. 26 S., R. 77^E. continued.

Chains.	
	Spur on a true line bet. secs. 29 ^E & 32.
34.00	Descending over rolling land through dense artemesia and scattering cedar. spur projects N.
40.00	Set a sandstone 20x20x5 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked 1/4 S. 29 on N. 32 on S. face, passed a mound of stone off base, $1\frac{1}{2}$ ft. high. N. of cor. Pits impracticable.
46.00	Dry run course N. ascend.
56.00	Ridge, bears N. ^w E. S. descent The cor. of secs. 29, 30, 31 ^E & 32.
80.00	Land, rolling soil, stony 3-5 rate Timber, cedar, Dense undergrowth. 8000 chs.

	Thence S. E. run
	Spur on a random line bet. secs. 30 ^E & 31.
40.00	set temp. 1/2 rec. cor.
77.66	Intersect N. bdy. of T. S. at the cor. of secs. 25, 30, 31 ^E & 36. set by us & shaft from described Thence S. E. run
	East on a true line bet. secs. 30 ^E & 31.
	Descending over rolling land, through dense artemesia and scattering cedar.
37.66	set a Quartzite stone 16x14x12 ins 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 30 on N.

Subdivision of 9.26 S. R. 7 W. continue

Chains	
	31 on S. faces. From which a cedar 8 ins. in diam. bears N. 22° E. 23 lbs. dist. marked 1/4 S. 30 B. 9.
	A cedar 17 ins. in diam. bears S. 16° E. 16 lbs. dist. marked 1/4 S. 31 B. 9.
- 77.66	31 B. 9. The cor. of secs. 29, 30, 31 ^{E. by} 32. Land, rolling soil, stony Pines, cedar. Dense and young growth 77.66 chs.
40.00	No. 01 1/4. bet secs. 29 ^{E. by} 30. Over rolling land, through dense artemesia, and flattening cedar Set a lava rock 12x8x8 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 30 on N. 29 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Bits impracticals of wagon road below E. by N.
71.50	Set a lava rock 14x12x6 ins. 9 ins. in the ground, for cor. of secs. 19, 20, 29 ^{E. by} 30. Marked with 5 notches on the E. and 2 notches on the S. edges. From which a cedar 6 ins. in diam. bears N. 22° E. 13 1/2 chs. marked 9. 26 S. R. 7 W. S. 20 B. 9.
80.00	Cedar 18 ins. in diam. bears S. 16° E. 20 lbs. dist. marked 9. 26 S. R. 7 W. S. 29 B. 9. A cedar 8 ins. in diam. bears

Subdivision of 9.26 S., R. 7 H.P. continued.

Chains	
	1.38° N. 24 lbs. dist. marked
	9.26 S., R. 7 H.P. S. 30. B.G.
	A cedar 12 ins. in diam. base.
	N. 21° N. 27 lbs. dist. marked
	9.26 S., R. 7 H.P. S. 19 B.G.
	Land rolling soil, stones 3rd rate.
	Timber, cedar, Dense underground 80.00 chs.

June 8th, 1901

At this cor. we set off
22° 5' N. on decl. dec., and at
11h 58m. a.m. L. m. t., observe the
sun on the meridian.
The resulting lat. is 38° 03' N.

40.00	East on a random line bet. secs. 20 ^q 29,
80.00	ext temp 1/4 sec. cor. Intersect N. 3d S. line at the cos. of secs. 20, 21, 28 ^q 29.
	Hence we run N. 80° E. on a true line bet- w. secs. 20 ^q 29.
400.0	Over rolling land, through dense artemesia and scattering cypat. set a lava rock 15x10x5 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 20 on N. 29 on S. faces.
5600.	Dig pits 18x18x12 ins. & and H. of stone 3 ft dist. and raised a mound of earth 3' ft base, 1/4 ft high N. of cor. spur. Projects n.
6300.	Payon road,

Subdivision of Sec. 16, R. 7 N. Cont.

Chain	Beams N.E. & S.W.
68.00	Lava knoll - on line The cor. of secs 19, 20, 29 & 30.
- 68.00	Land, rolling soil stony Timber, cedar, Dense undergrowth 8000 chs.
	Post on a random line, bet secs. 19 & 30. set temp. $\frac{1}{4}$ sec. cor.
44.00	Intersect N. by E. of post. at the cor. of secs 19, 24, 25 & 30 Hence top plan
77.60	Post on a true line bet secs. 19 & 30. Descending over rolling land through dense artemesia and scattering cedar.
37.60	Set a cedar post, $3\frac{1}{2}$ ft long 4 ins. square, 24 ins in the ground, for $\frac{1}{4}$ sec. cor. marked 1/4 S. 19 on N. 30 on S. faces, dig pits $18 \times 18 \times 12$ ins. 6 and $\frac{1}{4}$ of post. 3 ft dist. raised a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high N. of cor.
67.00	Knoll
68.15	wagon road Beams N.W. & S.E.
68.50	Wash 4 ft wide 6 ft deep - course S.
- 77.60	The cor. of all 19, 20, 29 & 30. Land, rolling soil stony 3rd rate Timber, cedar Dense undergrowth 7760 chs.

Subdivision of T. 76 S., R. 7 W. continued.

Chains,

	No. 0, 1 st .
	Bkt. secs. 19 ^{and} 20.
	Ascending over rolling land, through dense artemesia and scattering cedar.
5.00	Spur
40.00	Projects E. Set a lava stone 12 x 8 x 8 ins. 8 ins. in the ground, for 1/4 sec. cot. marked 1/4 S. 19 or N. 20 on E. face raised a mound of stone, 2 ft. base, 1 1/2 ft. high N. of cot. Pits impracticable
43.00	Ridge, bears N.E. ^{and} S. W.
80.00	Set a lava rock 14 x 10 x 6 ins. 9 ins. in the ground, for cot. of secs. 17, 18, 19 ^{and} 20. Marked with 3 notches on the S. and 5 notches on the E. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cot. Pits impracticable.
	X
	Land, rolling. soil, stony 3 rd rate. Timber, cedar. Dense under growth 80.00 acho.

	Cast on a random line
	bkt. secs. 17 ^{and} 20.
40.00	set temp. 1/4 sec. cot.
80.00	Intersect N. ^{and} S. line at the cot. of secs. 16, 17, 20 ^{and} 21. Thence 2 p. pm
	Cast on a true line
	bkt. secs. 17 ^{and} 20.
	Descending over rolling land through dense artemesia.
12.50	Dry wash, drains S.

Subdivision off. 265, R. 7th, concluded.

chains 20.00 23.00 27.00 40.00 - 44.00 - 80.00	Spur, projects S. W. Dry run, drains S. Spur, projects S. Set a lava stone 14x10x6 ins. grns. in the ground, for $\frac{1}{4}$ sec. cot. marked 1/4 S. 17 on N. 20 on S. face. raised a mound of stone 2 ft. base, $\frac{1}{2}$ ft. high N. of lot. It's impracticable. Spur, projects S. W. The cot. of secs. 17, 18, 19 ^{and} 20. Land, rolling soil stones . . . 3 rd plate No timber. Bene, undergrowth 8000 chs.
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June 8th 1901.

June 9th, 1901.
At 7 a. m., l.m.t.
We set off $38^{\circ}33'N.$ on lat. acc.
 $\pm 2056'W.$ on decl. acc; and de-
termine a true meridian
with the solar, at the cot.
of secs. 17, 18, 19 ^{and} 20.
Thence we run
West on a random line
bet. secs. 18 ^{and} 19.
Set temps. $\frac{1}{4}$ sec. cot.
Intersect N. bdy. of sp.
at the cot. of secs. 13, 18, 19 ^{and} 24.
Thence we run East
on a true line bet. secs. 18 ^{and} 19.
Discend over rolling land,
through dense timber.

Dry run, drains N.
Set a lava stone 12x10x7 ins.
8 grns. in the ground, for $\frac{1}{4}$
sec. cot. marked 1/4 S. 18 on N.

Subdivision of T. 26 S., R. 7 W. continued.

Chains.

	19 on S. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Bits impracticable. A cedar 10 ins. in diam. Beams 189.30 E. 179 lbs dist. marked 1/4 S. 19 B. D. no other trees available.
45.50	Spur, projects S.
77.54	The cor. of secs. 17, 18, 19 ^{and} 20. Land, rolling Soil, stony 3rd rate no timber Dense under growth 77.54 Chas.

	N. 0° 0' W. bet. secs. 17 ^{and} 8. Descending over rolling land, through dense timber. Dry run, drains N. W. set a lava stone 14x10x8 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 18 on S. 17 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Bits impracticable.
26.50	Dry run drains N.
40.00	Dry run drains N.
45.15	Dry run drains N.
74.00	Dry run drains N.
80.00	set a lava stone 14x10x8 ins. 10 ins. in the ground for cor. of secs. 7, 8, 17 ^{and} 8. marked with 5 notches on the E. and 4 notches on the S. edges, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Bits impracticable.

Subdivision of T. 26 S., R. 7 W. continued.

Chains

Sand, rolling.
Soil, stony & rate
No timber
Dense undergrowth 80.00 chs.

Cast on a random line
bet. secs. 8^{Aug} 17.

40.00
79.80

set temp. 1/4 sec. cor.

Intersect N. end. line at the
cor. of secs. 8, 9, 16 ^{Aug} 17.

Thence specimen

Upst on a true line bet.
secs. 8^{Aug} 17.

Descending over rolling land,
through dense Artemesia.

39.90

Set a lava stone 15x15x8 ins.
10 ins. in the ground, for 1/4
sec. cor. marked 1/4 S. 8 on m.
17 on S. faces, raised a
mound of stone 2 ft base
1 1/2 ft. high N. ejor.

Pits impracticable.

The cor. of secs. 7, 8, 17 ^{Aug} 18.

Land, rolling

soil, stony & rate

no timber

Dense undergrowth 79.80 chs.

Upst on a random line
bet. secs. 7^{Aug} 18.

40.00

set temp. 1/4 sec. cor.

77.48

Intersect N. bdy. of sp. at
the cor. of secs. 7, 12, 13 ^{Aug} 18.

Set by Mr. Streetopne described

Thence specimen

Cast on a true line

bet. secs. 7^{Aug} 18.

22.00

Dry ravine,
drains N. 80° W.

41.

Subdivision of P. 26S, R. 7W. continued.

Chains. 37.48	Seta lava rock 20x14x10 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} 13$.? on N. 18 on S. faces, raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of lot. Pits impracticable;
56.00	Lava rock spurs projects S.
77.48	The cor. of secs. 7, 8, 19 ^{and} 8. Land, rolling Soil stony 3rd rate no timber Dense undergrowth

77.48 Chs.

June 9th, 1901.

At this cor. we set off
22° 56' N. on decl. arc; and
at 11h 59m. a.m. l. m. t., observe
the sun on the meridian
the resulting lat. is. 38° 35' N.

No °; 2^f.

Set. sets. 7 ^{and} 8.

Over rolling land, through
dense artemesia.

40.00	Seta lava rock 17x12x10 ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4} S. 7$ on N. 8 on E. faces, raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of lot. Pits impracticable
-------	---

56.00 Dry wash

drains S. 2^f.

- 80.00	Set. alava rock 12x10x5 ins. 8 ins. in the ground for cor. of secs. 5, 6, 7 ^{and} 8, marked with 5 notches on
---------	---

Subdivision of T. 36 S., R. 7 W. contains

Chain.

S. & E. edges, raised a
mound of stone 3 ft. base
 $1\frac{1}{2}$ ft. high N. of cor.
Pits impracticable.
Land rolling
soil, stony 3rd rate
no timber
Dense undergrowth
8000 chs.

East on a random line
bet. secs. 5 and 8.

set temp. $\frac{1}{4}$ sec. cor.
Intersect N. of S. line. 3 lbs
N. of the cor. of secs. 4, 5, 8 and 9.
Thence 2 p. run
N. 89° 59' 27" on the line bet.
secs. 5 and 8.
Descending over rolling
land, through dense sage
brush.

Leave dense under growth
enter barren flat -
beacs N. & S.

Set a lava rock $12 \times 8 \times 8$ ins.
 8 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked S. S. on
N. 8 on S. faces.

Dig pits $18 \times 18 \times 12$ ins.
E. & S. of stone 3 ft. dist.
and raised a mound
of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft.
high N. of cor.

Leave barren flat
beacs N. and S.

The cor. of secs. 5, 6, 7 and 8.
Land rolling and level
Soil, stony, clay 7th or 3rd rate.
No timber
Dense undergrowth 70,14 chs.

10000 1.200

Subdivision of G. 26 S., R. 7 W. continued.

Chains.

	Yester on a random line bet. secs. 6 th & 7. Set temp. 1/2 sec. cor. Intersect N. body. of P. at the cor. of sec. 1, 6, 7 th , & Set by us standard described Thence N. the river East on a true line bet. secs. 6 th & 7.
40.00	Over rolling land, through dense artemesia. set a lava rock 14x. 8x 8 pins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 6 on N. face, 7 on S face, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable
37.40	of cor. Pits impracticable The cor. of sec. 5, 6, 7 th & Sand, rolling soil, stones 31% p. at. no-pinked Dense undergrowth 77.40 Chs.

No. 01 N.

bet. secs. 5th & 6.

40.00	Descending over rolling land through dense artemesia. set a lava stone 15x10x 8 pins. 10 pins. in the ground, for 1/4 sec. cor. marked 1/4 S. 8 on N. 5 on E. faces, raised a mound of stone 2 ft. bas., 1 1/2 ft. high N. of cor. Pits impracticable
70.00	Ravine 10.0 ft. deep, coarse N. N. ascend.
79.65	Intersect 5 th standard parallel

Subdivision of 9.76 S., R. 7 T. concluded.

Chains.

Souls 4.29 Chs. N. of the
Standard Cor. of sec. 31 3d
32. Bucktopa described
set a thick stone 16x10x
4 ins. 11 ins. in the ground
for closing Cor. to sec.
5th 6. marked C.C. on S.
with 5 grooves on E. and
1 groove on N. faces.
Raised a mound of stone
2 ft base, 1 1/2 ft high S.
of cor. Pit impractic-
able.

Land rolling,
soil, stones 4th rate
no timber

Dense undergrowth 79.65 Chs.

June 9th 1901.

General Description.

This township is mostly rolling
hills covered with a dense growth of
artemia scattering cedar, The only water
in the Tp. is Pine Creek in the S.E. part.
There is good grass and grazing
is fair a greater portion of the
year. In the lower portions
is good land suitable for
agriculture.

There are no settlers in
the part of the township
surveyed by us.

Elizabeth Newby 3d

R. Newworth are not settlers
in this township and
could not be located.

There is no indications of
mineral in this township as surveyed
by us. Hubert D. Payle

Harry Evans,

U.S. Deputy Surveyor.

Subdivision of D. 26 S., R. 7 W.

There being no notary public or other officer authorized to administer oaths, within reasonable distance, at the beginning or ending of the survey, in order to save time and expense, I administer the preliminary and final oaths myself.

Hubert S. Page,
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



498, 471
B.L.M.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blawie, United States Surveyor General for Illinoian, bearing date of the 24th day of November, 1897, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Illinoian, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Subdivision of G.W.S.

R.T.H.

.....of the Salida
base and meridian, in the State of Illinoian, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Illinoian, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Erwin
United States Deputy Surveyor.

Subscribed by said Harry Erwin, and sworn to before me
this 11th day of September 1897, N.Y.



Edward H. Henderson
U.S. Surveyor General's Office

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

189

The foregoing field notes of the survey of

executed by
under his contract No., dated ..., 189 ..., having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES:

A list of the names of the individuals employed by Hubert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivision of T. 26 S., R. 7 W. off the Salt Lake Base Meridian, showing the respective capacities in which they acted:

Doris J. Brind. Harry A. Page, Chainman.
Jay Morrison. William C. Walquist, Chainman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Arman.
Varnick Hansen, Arman.
Varnick Hansen, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision of T. 26 S., R. 7 W. of the Salt Lake.

Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Doris J. Brind. Harry A. Page, Chainman.
Jay Morrison. William C. Walquist, Chainman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Moundman.
Charles C. Scanlan, Arman.
Varnick Hansen, Arman.
Varnick Hansen, Flagman.

Subscribed and sworn to before me this 12th day of

June, 1890 }
SEAL

Hubert D. Page,
U.S. Deputy Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blair, United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Subdivision of S. 26, R. 7 N.Y.

base line meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page

United States Deputy Surveyor.

Subscribed by said Hubert D. Page, and sworn to before me
this 11th day of September 1901, 1899



Edward H. Underwood
U.S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 3, 1902, 1899

The foregoing field notes of the survey of the subdivisions of Township 26 South Range 7 West of the Salt Lake Base and Meridian, State of Utah.

executed by Hubert D. Page and Harry E. Evans
under his contract No. 232, dated October 1, 1899, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Underwood
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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X. S. 10.

FIELD NOTES

OF THE SURVEY OF THE

573

Seventy Standards
Parallel South.
through

Range No. 7 West.

of the Salt Lake Base and Meridian,
In the state of Utah.

AS SURVEYED BY

Hubert D. Page, ^{and Harry E. Evans,} United States Deputy Surveyors
Under his Contract No. 737, dated November 24th, 1899

Survey commenced June 1st 1901, 189

Survey completed June 7th 1901, 189

C-161

The Surveyor General's Office 6-00-00 ✓

NAMES AND DUTIES OF ASSISTANTS.

Wor J. Brind. chairman

Harry A. Raged "

Jay Morrison "

William O. Walquist "

Charles C. Scanlan mound man

Varnick Hansen "

Charles C. Scanlan usher

Varnick Hansen "

Varnick Hansen play man

BOOK A-285

INDEX DIAGRAM.

Township , *Range*

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, John Bind, Harry A. Rager, Jay Morrison and William O. Malquist, do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of Fifth Standard Parallel South through Range 7 west of the salt lake base and meridian state of Utah.

Floyd J. Brind.

Harry A. Rager, Chainman.

Jay Morrison.

William O. Malquist, Chainman.

Subscribed and sworn to before me this 27th day of May, 1890 }



WE, Charles C. Scanlan

and Narmich Hansen

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of Fifth Standard Parallel South through Range 7 west of the salt lake base and meridian state of Utah.

Charles C. Scanlan, Moundman

Narmich Hansen, Moundman

Subscribed and sworn to before me this 27th day of May, 1890 }



WE, Charles C. Scanlan and Narmich Hansen

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of Fifth Standard Parallel South through Range 7 west of the salt lake base and meridian state of Utah.

Charles C. Scanlan, Axma.

Narmich Hansen, Axma.

Subscribed and sworn to before me this 27th day of May, 1890 }



I, Narmich Hansen

do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Fifth Standard Parallel South through Range 7 west of the salt lake base and meridian state of Utah.

Narmich Hansen, Flagman

Subscribed and sworn to before me this 27th day of May, 1890 }



Hubert D. Page,
U.S. Deputy Surveyor

Resurvey of the 5th Standard Parallel South through R. 7,

Survey Commenced

June 1st 1901

The result from planet observation on Polaris and solar tests made at the cor. of secs. 35th & 36 on S. bdy of T. 26 S. R. 7 W.

and recorded in Book Z⁶

May 29th & 28 that the instrument is in adjustment

June 1st 1901.

at 3 p.m., l. m. t. We set off $38^{\circ}35'N$ on lat all: $22^{\circ}04'W$ on decl arc: and determine a true meridian with the solar, at the cor. of T.s. 26th & 25 S. Rs. 6th & 7th on the 5th Standard Parallel South, previously described.

Then we run

west

along S. bdy. of secs. 36.

With two sets of chain men, 40.00 chs. after diligent search no trace of the old 1/4 sec. cor. can be found, ^{but} at 80.00 chs. we find the old standard cor. of secs. 35th & 36

lying loose on the ground, which is a lava $18 \times 9 \times 8$ ins. marked as described by the Surveyor General.

We reset cor. at same place 12 ins. in the ground, for standard cor. to secs. 35th & 36, with 1 groove on E and 5 grooves on W. faces - S.C. on N. raised a mound of stone 2 ft base, 1 1/2 ft. high, N. of cor. It's impracticable

5th Standard Parallel South through R. 7th, contd.

We continue our retacement west and at 120.00 chs after diligent search no trace of the old standard 1/4 sec. cor. can be found.
and at 161.75 chs. we find the old standard cor. of sec. 34⁹/35. which is a lava stone 18x8x6 ins. lying loose on the ground. North 60° E. dist. Therefore we continue our retacement west and find many of the corners missing, partly obliterated and beyond the limits of alignment and measurement. No trace of the old standard cor. of Tp. 25 S., Rg. 8⁹/8 N. can be found.

The township North not having been subdivided

We resume the Pacific Standard Parallel south, through R. 7th as follows:

June 2nd

At 7 a.m., l. w. t., we set off 38° 36' N. on lat. and 22° 10' W. on decl. and determine a true meridian with the solar. at the cor. of Tp. 25⁹/26 S., Rg. 6⁹/7 N.

Previously described
This fall on the mark on the stone established by previous observation, last year. We lay off 90° from North to West.

5th Standard Parallel South ^{things} R. 7 W. continued.

Chains.

Then c'd

We pier

West, on the Tangent S. of sec. 36.
Over rolling land, through
dense artimesa.

35.45 wagon road

Beaver City to Cove Port
bears N. ^{3rd} E. S.

39.90 Old Telegraph line.
bears N. ^{3rd} E. S.

Difference between measure-
ments of 40.00 chs. by two
sets of chain men, is 2 chs.
position of middle point
By 1st set 40.01 chs.

By 2nd set 39.99 chs.; the man
of which is

40.00 N. 0.13 ft. from the tangent
set at lava rock 16 x 8 x 6 ins.
11 ins. in the ground for
established standard 1/4 sec.
Col. marked S.C. 1/4 S. 36.

or N. face, raise a mound
of stone 2 ft. base, 1 1/2 ft. high
N. of Col. Its impracticable.

No difference between measure-
ments of 80.00 chs. by two
sets of chain men.

- 80.00 N. 0.53 ft. from the tangent, 1/4 sec.
35 and 36. Previously described.

Land, rolling

Soil, clay ^{and} stony impate.

No timber

Dense artimesa under-

growth

80.00 chs

S. 89° 59' 27".

On the tangent

Fifth Standard Parallel South through R. 7 N. continued.

Chains

S. of sec. 35.

31.00

Over rolling land,
through dense artemesia,
Enter scattering cedar,
bear N.^{W.} by S.

Difference between measure-
ments of 40.00 chs. by two sets
of chain men is 2 chs. position
of middle point
By 1st set 39.99 chs.

By 2nd set 40.01 chs., the mean
of which is

40.00

N. 11° 45' ft. from the tangent.
set a lava rock 12 x 8 x 6 ins.
8 ins. in the ground for
re-established standard 1/4 sec.
cot. marked S.C. 1/4 S 35° 00' N.
face, raised a mound of
stone 2 ft. base, 1 1/2 ft. high
N. of cot. Bits impracticable
After diligent search no trace
of the old standard 1/4 sec. cot.
can be found.

55.00

Leave scattering cedar,
bear N.^{W.} by S.

Difference between measure-
ments of 80.00 chs. by two sets
of chain men is 6 chs. position
of middle point

By 1st set 79.94 chs.

By 2nd set 79.97 chs. the mean
of which is

80.00

N. 2.12 ft. from the tangent
set a lava rock 18 x 8 x 6 ins.
12 ins. in the ground for
re-established standard sec. cot.
to secs 3 4 and 35.

Marked S.C. on N. with 4 grooves
on the 2nd and 2 grooves on the

17th Standard Parallel South through R. 7 N. continued.

Chains

E. faces.

Raised a mound of stone
2 ft. base, $\frac{1}{4}$ ft. high N. of cor.
Pits impracticable.

The old cor. bears
N. 64° 21' W. 1.39 chs. dist.

He destroys all trace of same.

Land, rolling

soil, stony 3rd rate

Timber, cedar

Dense undergrowth 8000 chs.

S. 89° 58' W.

on the tangent

S. offset. 34.

Ascending over rolling land
through dense artemesia.

23.00 Ridge 400 ft. high
Bears N. ^{and S.} descnd.

Difference between measure-
ments of 40.00 chs. by two sets
of chain men is 6 chs.

Position of middle point

By 1st set 40.03 chs.

By 2nd set 39.97 chs. the mean
of which is

40.00 N. 3.32 ft. from the tangent
set a lava stone 18x12x9 ins.
12 ins. in the ground for
re-established standard $\frac{1}{4}$ sec.

Cor. marked $\frac{1}{4}$ S.C. S. 34 on N.
face, raised a mound of stone
2 ft. base, $\frac{1}{4}$ ft. high N. of cor.
Pits impracticable.

The old $\frac{1}{4}$ sec. cor. bears
N. 60° W. 1.75 chs. He destroys
all trace of same.

Fifth Standard Parallel South through R. 7 W. continued.

chains.	
6300	Spur, project North
6850	Dry ravine, 75 ft deep. course N.
	Difference between measurements of 80.00 chs. by two sets of chain men is 8 lbs.
	position of middle point
	By 1 st set 80.04 chs.
	By 2 nd set 79.96 chs. the mean of which is
- 80.00	N. 4.78 ft. from the tangent.
X	set a lava stone 20x20x20 ins. 15 ins. in the ground for re-established standard cot. to sec. 33 rd 34.
	marked S.C. on N. with 3 grooves on E. & W. faces.
	and raised a mound of stone 2 ft. base, 1/2 ft. high N. off lot.
	Pits impracticable.
	The old standard cot.
	leaves N. 80° W. 2.00 chs. dish.
	The distance all trace of same.
	Land, rolling, soil, stony 4 th rate.
	Not timbered
	Dense undergrowth 80.00 chs.
	June 2 nd 1901.
	At this cot. we set off 22' 11" non decl. arc; and at 11h58m. a.m. m. t., observe the sun on the meridian The resulting lat. is 38°36' N.

S. 89°57' W.
On the tangent
S. observer 33.
Ascending over rolling land

Fifth Standard Parallel South of R. 7th continued.

Chains.	
	through dense artemesia.
15.50	Ridge, bears N. ^{and} S.
18.00	Enters scattering cedar bear N. ^{and} S.
	No difference between measure- ments of 4000 chs. by two sets of chainmen.
40.00	N. 6.49 ft. from the tangent.
15.61	Set a lava rock 5x9x5 ins. 10 ins. in the ground for re-established standard post. Cot. marked S.C. 44 S. 33. ^{on N. face, painted} around stone 2 ft. base, 1 1/2 ft. high. N. of cot. Pits impracticable. From which a cedar 3 ins. in diam. bears N. 60° E. 125 lbs dist. marked S.C. 44 S. 33. B. T.
	^{After diligent search no trace of old standard post can be found.}
60.00	Leave cedar timber bears N. ^{and} S.
	No difference between measure- ments of 8000 chs. by two sets of chain men
80.00	N. 8.48 ft. from the tangent set a lava rock 18x12x17 ins. 17 ins. in the ground, for re-established standard cot. to sec. 37 ^{3rd} 33. marked S.C. on N. with 4 grooves on the E. and 2 grooves on the W. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cot. Pits impracticable. After diligent search no trace of the old standard sec. cot. can be found. Land, rolling soil, stone, 3 rd rate. Timber, cedars. Dense undergrowth 80.00 chs.

Fifth Standard Parallel South ^{things} R. of N. continue.

chains	1,8956' N. On the tangent, South of sec. 32. Over rolling land, through dense artemesia, scattering cedar. No difference between measure- ments of 40,000 chs. by two set of chain men.
40,00	N 10.74 ft. from the tangent. Set a lava stone 18x10x6 ins. 12 ins. in the ground, for re-established Standard $\frac{1}{4}$ sec. cot. marked S.C. $\frac{1}{4}$ S. 32 on N. face raised a mound of stone 2 ft. base, $\frac{1}{4}$ ft. high N. of cot. Pits impracticable After diligent search no trace of the old standard $\frac{1}{4}$ sec. cot. can be found.
54,00	Dry river, course N. W.
70,00	Dry river, course N.
80,00	No difference between measurements of 80,000 chs. by two set of chain men. N. 13.27 ft. from the tangent. Set a lava stone 18x10x8 ins. 12 ins. in the ground for re-established Standard cot. of secs. 31 ^{and} 32. Marked S.C. on N. with 5 grooves on the E. and 1 groove on N. face, raised a mound of stone 2 ft. base, $\frac{1}{4}$ ft. high N. of cot. Pits impracticable. After diligent search no trace of the old standard cot. can be found. Land, rolling soil, stony. 3 separate.

Standard Parallel South, R. 77th, continued.

Chains.

No point set

Dense undergrowth 80.000 chs.

1.8955 ft.

On the tangent

S. off sec. 31.

Over rolling land, through dense alluvium and scattering cedar.

No difference between measurements of 40.000 chs by two sets of chainmen

40.00

N. 16,10 ft. from the tangent, set a lava stone 15x10x6 ins. 10 ins. in the ground for re-established standard the sec. cor. marked S.C. No. 31 on N. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable after diligent searching since of the old standard the sec. cor. can be found.

5.100

Ravine 15 ft deep.

Courses. N.

Difference between measurements of 80.000 chs by two sets of chainmen is 4 1/2 position of middle point.

By 1st set 80.000 chs.

By 2nd set 79.98 chs the mean of which is

- 80.00

N. 19.69 ft. from the tangent set a lava rock 15x10x6 ins. 10 ins. in the ground, for re-established standard the sec.

cor. to T. 25 S. R. 77th if marked with S.C. cor. 41.

Fifth Standard Parallel South through R. 7 W. Concluded.

with 6 grooves on N. E ^{and}
N. faces.
Raised a mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high. N.
of cor. Pits impracticable.
This cor stands in a
small clay flat.
bearing N. ^{and} S.
After diligent search no
trace of the old standard
cor. can be found.
Land rolling
soil, stony 3rd rate
Timber, cedar.
Dense undergrowth 8000 chs.

June 2nd 1901.

In General Description see note of subdivisions
H. D. S. A. P. O. W.
Hubert D. Page,
Harry Erwin.
U. S. Deputy Surveyor.

There being no Notary public or
other officer authorized to ad-
minister oaths, within reasonable
distance, at the beginning or end
ing of the survey, in order to
save time and expense, I
administer the preliminary and
final oaths my self.

Hubert D. Page
U. S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____ of the _____ meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____

day of _____, 189 }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin

United States Deputy Surveyor, do

solemnly swear that, in pursuance of a contract received from
United States Surveyor General for

Jacob B. Blaine
Utah, bearing date of the

24th day of November, 1897, I have well, faithfully, and truly, in my own
proper person, and in strict conformity with the instructions furnished by the United States Surveyor
General for

Utah, the Manual of Surveying Instructions, and the laws of the
United States, surveyed all those parts or portions of the 40th Standard
Parallel South through R. 72^W.

base and meridian, in the State of Utah, which are represented in the
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly
swear that all the corners of said survey have been established and perpetuated in strict accordance with
the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor
General for Utah; and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Salt Lake
of the

Harry Erwin
United States Deputy Surveyor

Subscribed by said Harry Erwin, and sworn to before me }
this 11th day of September, 1897 }

○○○○○
○ SEAL ○
○○○○○

Edward H. Anderson
D. G. Scoville, General Land Office

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of

executed by
under his contract No., dated, 189 , having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in
....., has been correctly copied from the original notes on file in this office.

United States Surveyor General

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Brown, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Fifth Standard Parallel South through Range 7 west of the 13th Meridian Plate, showing the respective capacities in which they acted:

Evor J. Brind, Harry Rager, Chairman.
Jay Morrison, William O'Hallquist, Chairman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Brown, United States Deputy Surveyor, in surveying all those parts or portions of the Fifth Standard Parallel South through Range 7 west.

Lake Base and State of Utah, of the Salt meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Evor J. Brind, Harry D. Rager, Chairman.
Jay Morrison, William O'Hallquist, Chairman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

Subscribed and sworn to before me this 12th }

day of June, 1891 } {



Hubert D. Page
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

Hubert D. Page

United States Deputy Surveyor,

solemnly swear that, in pursuance of a contract received from United States Surveyor General for _____, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Fifth Standard Parallel South, through R. 7th Meridian

base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page

United States Deputy Surveyor

Subscribed by said *Hubert D. Page*, and sworn to before me }
this 11th day of September, 1899. }

SEAL

*Edward Henderson
U.S. Surveyor General for Utah*

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Gall Lake, Utah, Jan 3, 1902.

The foregoing field notes of the survey of the Fifth Standard Parallel South Township 25 south, through Range 7 East of the Gall Lake Baseline, Utah.

executed by *Hubert D. Page and Nancy Green*
under his contract No. 932, dated December 24, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward Henderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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J. S. R.

FIELD NOTES

AS APPENDIX
OF THE SURVEY OF THESubdivision

Township No. 76 South.

Range no. 7 West.

Of the Salt Lake base Meridian,
In the state of Utah.

AS SURVEYED BY

Hubert D. Page & Harry Evans, United States Deputy Surveyors
Under his Contract No. 737, dated November 24th, 1899Resurvey commenced June 1st 1901, 189Resurvey completed June 3rd 1901, 1896-151
Resurvey file no. 1 - 79-20 ✓
m ch. file.

Replacement file - 6-05-29 ✓

24

NAMES AND DUTIES OF ASSISTANTS.

Henry A. Rager	Sehamm.
William O. Walquist	
Charles L. Scandan	Arundmon
Vernick Hansen	"
Charles L. Scandan	Arenmon
Vernick Hansen	
Vernick Hansen	Hagmon

6-151

Volume

#

R0285

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31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, Harry A. Rager and William O. Falgren,

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey
Subdivision of 9th S. R. 7th of the Salt Lake base Meridian, in the state of Utah.

Harry A. Rager, Chainman

William O. Falgren, Chainman

Subscribed and sworn to before me this 1st
day of June, 1890 }


Hubert D. Pagan,
U.S. Deputy Surveyor.

WE, Charles C. Scanlan and Varnieck Hansen

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey
Subdivision of 9th S. R. 7th of the Salt Lake base Meridian, in the state of Utah.

Charles C. Scanlan, Moundman

Varnieck Hansen, Moundman

Subscribed and sworn to before me this 1st
day of June, 1890 }


Hubert D. Pagan,
U.S. Deputy Surveyor.

WE, Charles C. Scanlan and Varnieck Hansen

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey
Subdivision of 9th S. R. 7th of the Salt Lake base Meridian, in the state of Utah.

Charles C. Scanlan, Axeman

Varnieck Hansen, Axeman

Subscribed and sworn to before me this 1st
day of June, 1890 }


Hubert D. Pagan,
U.S. Deputy Surveyor.

I, Varnieck Hansen, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Subdivision of 9th S. R. 7th of the Salt Lake base Meridian, in the state of Utah.

Varnieck Hansen, Flagman

Subscribed and sworn to before me this 1st
day of June, 1890 }


Hubert D. Pagan,
U.S. Deputy Surveyor.

Subdivision of T. 26 S. R. 7 W.

Survey commenced,

June 14 1901

At 7 a. m., I met, if you
set off 35° 30' N. or lat. acc. 35° 30'
N. of decl. arc. and determine
a true meridian with the
solar, at the cor. of sec. 7 & 33
and 95 on S. body of L. P.

Previously described.

Preliminary to subdividing
this part of the township
the p.m.

North over a blank line
bet. secs. 34 & 95.

40.15 chs. we find the old
1/4 sec. cor. 7 & 26 lbs. disk
which is a sand stone 12x9x
8 ins. above ground, firmly
set and marked and pit-
nessed as described by the
Surveyor General.

The course of this line is there-
fore N. 22° W.

Thence we pass

North

and at 40.45 chs. we find the
old cor. to sec. 26, 27, 34 & 95.
which is a sand stone 10x9x6
ins. above ground, firmly
set and marked as described
by the surveyor general.

E. 1/4 lbs. disk

The course of this line is there-
fore N. 63° E.

Therefore we continue our
pilot cement 1/4 sec. 26, 27, 34
and at 40.45 chs. we find the
old 1/4 sec. cor. which is a
sand stone 8x13x8 ins. above
ground, firmly set and

Subdivision of T. 26 S., R. 7 W. continued.

marked as described by the Surveyor General.

W. 1. lbs. dist.

The course of this line is therefore N. 0° 5' W.

Thence N. E. runs

North

at 40.44 chs. We find the old sec. cor. which is Lava-stone 8 x 8 x 6 ins. above ground, firmly set and marked as described by the Surveyor General.

W. 4 lbs.

The course of this line is therefore N. 0° 0' 3" W.

Thence N. E. runs

North bet. secs. 22^{sq} & 23,

at 41.40 chs. We find the old $\frac{1}{4}$ sec. cor. which is a sandstone 10 x 8 x 5 ins. above ground well set. and marked as described by the Surveyor General.

and at 79.32 chs. we find the old cor. of secs. 14, 15, 22^{sq} & 23.

E. 1.8 lbs. which is a lava rock 10 x 8 x 4 ins. above ground firmly set and marked as described by the Surveyor General.

The course of this line is therefore N. 0° 1' 5" E.

Thence N. E. runs

East

bet. secs. 14^{sq} & 23,

40.35 chs. we find the old $\frac{1}{4}$ sec. cor. which is sandstone 10 x 8 x 6 ins. above ground firmly set and marked as described

Subdivision of T. 26 S., R. 7 W. continued

by the Surveyor General.

S. 12 lbs. dish

and at 80.76' S. E. find the cor. of secs. 13, 14, 23rd & 24.

which is a sandstone 8x8x6
ins. above ground firmly set
and marked as described by
the Surveyor General,

S. 22 lbs. dish.

The course of this line is.
Therefore S. 89° 50' E.

Hence I per run

North

bet. secs. 13rd, 14.

42.17 chs. I per find the 1/4 sec.
cor. which is a sandstone
8x8x7 ins. above ground
firmly set and marked as
described by the Surveyor
General.

and at 82.34 chs. I per find the cor.
of secs. 11, 12, 13rd & 14.

which is a sandstone 10x10
x 8 ins. above ground, firmly
set and marked as described
by the Surveyor General
Hence I per run

East

bet. secs. 12rd, 13.

and at 41.08 chs. I per find the 1/4 sec.
cor. which is a trachyte 8x6x6
ins. above ground, well set
and marked as described by
the Surveyor General.

S. 140 lbs. dish

and at 81.33 chs. I per find the
cor. of secs. 7, 12, 13rd & 18.

Previously described

S. 2.84 chs. dish.

Subdivision of T. 26 S., R. 7 W. continued.

chains

The course of this line is therefore S. 88° E. and dist. 81.38 chs.

From the cor. of secs. 1, 6, 7^{and} 2 on Guide meridian and Ebdy. of 9th.

Previously described

the run West

bet. secs. 1^{and} 2.

40.00 chs. after diligent search no trace of the old $\frac{1}{4}$ sec. cor. can be found.

At 79.20⁰ we find the cor. of secs. 1, 2, 11^{and} 12.

which is a quartz stone 1¹/₂ x 8 x 6 ins. above ground, firmly set and marked as described by the Surveyor General.

N. 18 lbs. dist.

The course of this line is therefore S. 89° 52' E.

Thence the run

North

bet. secs. 1^{and} 2.

40.00 chs. after diligent search no trace of old $\frac{1}{4}$ sec. cor. can be found.

80.00 chs. Intersect 5th standard parallel south at the standard cor. of secs. 3^{and} 36.

Previously described. June 1st

Some of the corners being entirely obliterated and the courses or distances being beyond the limits
the retraced...
as follows.

Subdivisions of T. 26 S., R. 7 W. continued.

Chains.

	June, 3 rd , 1901.
	At 7 a.m., l.m.t., I he set off $38^{\circ}30' N.$ on lat. arc; $27^{\circ}18' W.$ on decl. arc; and determine a true meridian with the solar at the cot. of sec. $7, 3, 34 \frac{3}{4}$ ^{and} $35 \frac{3}{4}$ by diff.
	Previously described Hence I he run $N. 0^{\circ}22' W.$ on retrace ment bet. sec. $34 \frac{3}{4}$ and 35 .
40.15	Over rolling land, through dense Arimusa and scattering cedar The $\frac{1}{4}$ sec. cot. previously described. I he destroy marks relating to sec. W.
	Hence I he run $N. 0^{\circ}12' E.$
77.00	Stake and rider fence bears $N 1^{\circ} W$ ^{and} $5^{\circ} E.$
80.60	The cot. of sec. $26, 27, 34 \frac{3}{4}$ and 35 Previously described. I he destroy all marks, relating to sec. West. Land, rolling & Soil, clay ^{and} loam 1st ^{and} 2nd grade Timber, cedar, Beneath undergrowth 80.60 chs.
10.0	$N. 0^{\circ}01' W.$ on replacement bet. sec. $26 \frac{3}{4}$ and 27 . Over rolling land, through dense Arimusa.
40.45	Stake and rider fence bears E. $3^{\circ} W.$ The old $\frac{1}{4}$ sec. cot. Previously described. I he destroy all marks relating to sec. W.

Subdivision of T. 26 S., R. 7 W. continued.

Chains	
- 80.89	<p>Hence type run $N. 0^{\circ} 03' W.$ The old cor. to secs. 22, 23, 26 ^{and} 27. Previously described. We obliterate all marks pertaining to the sec. W. Land, nearly level, Soil, clay loam 1st rate. No timber Dense <i>artemesia</i> 80.89 chs.</p>
105.0	<p>North on retrace ment. Oct. secs. 22 ^{and} 23. Over nearly level land, through dense <i>artemesia</i>.</p>
41.40	<p>Yagow road, Bear E. ^{and} W. The old $\frac{1}{4}$ sec. cor. Previously described. We obliterate all marks pertaining to the section W. Hence type run $N. 0^{\circ} 10' E.$</p>
53.00	<p>Ascend through scattering cedars, bear N. E. ^{and} S. W.</p>
79.32	<p>The cor. of secs. 14, 15, 22 ^{and} 23. Previously described We obliterate marks pertaining to secs. W. Land, rolling ^{more level} Soil, clay loam ^{and} stony 1st ^{and} 3rd rate. Timber, Cedar. Dense undergrowth. 79.32 chs.</p>

S. 89° 50' E. on retrace ment.

Oct. secs. 14 ^{and} 23.

Descending over rolling land,

Subdivision of G. 26 S., R. 7 W. continued.

Chains	
9.00	Leave Cedars enter nearly level land, bearing N.E. ^{and} S.W.
16.00	Fence Enters field bearing N. ^{and} S.
40.35	The $\frac{1}{4}$ sec. cot. Previously described
56.10	Old telegraph line bearing N. ^{and} S.
57.65	Stake and rider fence, leave field, bearing N. ^{and} S.
58.00	Hayon road Leaves to Cove Port bearing N. ^{and} S.
67.60	Irrigation ditch course N.
80.76	The cot. of secs. 13, 14, 23 ^{and} 24. Previously described. Land level and rolling. Soil, stony, loam 1 st ^{and} 3 rd plate. Timber, cedar. Dense undergrowth. 34, 16 chs.

June 30 1901.
At this cot. the sec.
off 22° 18' 30" more decl. alt., and
at 11h 58m Q.M.L. m. t., observe the
sun on the meridian the
resulting plat. is 38° 33' N.

North on retia compass
sec. secs. 13 ^{and} 14.
Over rolling land through
dense alimesa

Subdivision off 9.26 S., R. 7 W., continued.

chains.	
16.00	Wood road bears N. E. ^{and} S. W.
42.17	The old $\frac{1}{4}$ sec. cot. Previously described.
82.34	The old cot. of secs. ^{11, 12, 13 and 14.} Previously described The destroy all marks relating to sec. 12 W. and mark for N. W. cor. sec. 13 only. Land, rolling soil, loam & no slate. no timber Dense under growth
	82.34 chs.

	1.8800' E.
	On reclaiment lot. secs. 12 ^{and} 13.
9.00	Ascend over rolling land, through dense alders & Entered cedar timber bears N. ^{and} S.
33.00	Wood road bears N. E. ^{and} S. W.
41.08	The old $\frac{1}{4}$ sec. cot. Previously described
81.38	The cot. of secs. 12, 13 ^{and} 18 on Guido meridian and body of sp. Previously described

Subdivision off. 26 S., R. 7 W., continued.

Chains,	Land, rolling Soil, clay loam & stone, 2nd rate Timber, Cedar Dense undergrowth	81,380 Chs.
	Down the col. off sides 1, 6, 7 ^{and} 12. On E. bdy. of Tp. and on Guide meridian Previously described. The run Th. 89° 52' W. On prairie bet. sec. 1 ^{and} 12. Over rolling land, through dense artemesia and scattering cedar.	
3.70	Wagon road, Sulphur bed to Cove Park. bear N. W. ^{and} S. E.	
39.60	Sedimentary stone. 12 x 10 x 6 ins. 8 ins. from the ground for re-established Tp. sec. col. 10 per cent.	
	Marked 1/4 S. 1 on n. fall, raised a mound of stone 1/2 base, 1 1/2 ft. high n. of col.	
64.70	This impracticable; wagon road Beaver City to Cove Park bear N. E. ^{and} S. W.	
65.20	Old telegraph line bear N. E. ^{and} S. W.	

Sub-division of T. 26 S., R. 77 E. concluded.

Claims:

- 79.26 The cor. of secs. 1, 2, 11 ^{and} 12.
 Previously described
 The obliterate all marks pertaining
 to secs. 1, 2, 11 & 12
 and marks for S.W. ~~1/4~~ of sec. only.
 Land, rolling
 Soil, clay & loam 1st and 2nd rate.
 Timber, Cedar.
 Dense undergrowth 79.20 chs.

North, on reservation

Sec. secs. 1 ^{and} 2.

Over rolling land, through dense
 cactus mesas.

- 32.00 Dry wash drains N.E. ascend.
 39.9. ~~Property measured to~~ 0x10x6 ins., 7 ins.
 in the ground, for re-established
 1/4 sec. cor., marked $\frac{1}{4}$ S. 2. or 8 & 1
 on surface, raised a mound
 of stone 2 ft base, 1 $\frac{1}{2}$ ft. high.
 W. of cor.
 It's impracticable.

- 80.00 The standard cor. of secs.
 35 ^{and} 36.

Previously described.

Land, rolling

Soil, stony

2nd and 3rd
 Rate

No timber.

Dense undergrowth

80.00 chs.

June 30, 1901.

For general description see book L
 of subdivisions.

Albert A. Page
 Harry E. Irvin,
 U.S. Deputy Surveyor.

Retracement of Subdivision of T. 26 S., R. 7 E.

Section 24 does not close within limits; Therefore, Retrace the line bet. secs. 23 ^{and} 24.

From the cor. of secs. 24, 25, 26 ^{and} 27 heretofore described. I run North on blank line bet. secs. 23 ^{and} 24.

40.03 The old $\frac{1}{4}$ sec. cor. gray stone 10 x 8 x 4 ins. above ground, marked as described by the Surveyor general, East 29 lbs. dist.

80.00 The cor. of secs. 13, 17, 23 ^{and} 24, heretofore described, East 60 lbs. dist.

The course of this line is therefore, N. 0° 26' E.

Hubert D. Parker,
Harry Erwin,
U.S. Deputy Surveyor.

Subscribed & sworn to before me
this 16th day of February 1903
Henry P. Catherwood
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

Hubert D. Page, United States Deputy Surveyor,
 I, solemnly swear that, in pursuance of a contract received from *Jacob H. Blodget*,
 United States Surveyor General for *The State of Utah*, bearing date of +
 24th day of *April*, 1899, I have well, faithfully, and truly, in my
 proper person, and in strict conformity with the instructions furnished by the United States Surveyor
 General for *The Plate of Utah*, the Manual of Surveying Instructions, and the laws of the
 United States, surveyed all those parts or portions of *The California meridian line*
of surveys for the District Ranger of Utah.

Utah and meridian, in the *State* of *Utah*, which are represented in the
 foregoing field notes as having been ~~surveyed~~ ^{reduced} by me, and under my direction; and I do further solemnly
 swear that all the corners of said survey have been established and perpetuated in strict accordance with
 the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor
 General for *The State of Utah*, and in the specific manner described in the field notes, and that
 the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer
 the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page
 United States Deputy Surveyor

Subscribed by said *Hubert D. Page*, and sworn to before me }
 this 21st day of April 1899,



Edward M. Rutherford
U. S. Surveyor General of Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Wallace Schubel, Hatch April 21st 1899

The foregoing field notes of the survey of *The California meridian lines of*
the surveys for the District Ranger of Utah of the State of
Utah & Nevada, Utah

executed by *Hubert D. Page and Harry Evans*
 under his contract No. *322*, dated *March 2d, 1899*, having been
 critically examined, and the necessary corrections and explanations made, the said field notes, and
 surveys they describe, are hereby approved.

Edward M. Rutherford
 United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in
 has been correctly copied from the original notes on file in this office

There being no Notary public
or other officer authorized to
administer oaths within
reasonable distance, at the beg-
inning or ending of the survey.
In order to save time and
expense, I administer the
Preliminary and final oaths
myself -

Hubert D. Parker
U.S. Deputy Surveyor

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Evans, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Mead, United States Surveyor General for Utah, bearing date of the 24th day of November, 1897, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The subdivisions of 126 S
R.G.H.

Broadfoot meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Evans
United States Deputy Surveyor.

Subscribed by said Harry Evans, and sworn to before me }
this 11th day of September, 1891 }
Edward H. Anderson
U.S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

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The foregoing field notes of the survey of

executed by _____
under his contract No. _____, dated _____, 189_____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page,^{and} Harry Ervin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision of S. 26 S., R. 7 W. of the Salt Lake base meridian, in the state of Utah. showing the respective capacities in which they acted:

Harry A. Rager, Chainman.
William O. Halquist, Chainman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Ervin, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision of S. 26 S., R. 7 W. of the Salt Lake.

base and meridian, in the state of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Harry A. Rager, Chainman.
William O. Halquist, Chainman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

Subscribed and sworn to before me this 250
day of June, 1891 } }



Hubert D. Page,
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blais, United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The subdivision of
9.26 S., R. 7. T. 7.

base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed "by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page,

United States Deputy Surveyor,

Subscribed by said Hubert D. Page, and sworn to before me }
this 11th day of December, 1900, }

Edward H. Anderson,

U. S. Surveyor General for Utah,

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, January 3, 1902, 1899
orthermost The subdivisions of
Township 26 South Range 7 West of the Salt Lake
Base and Meridian, Utah

executed by Hubert D. Page and Harry Ernest
under his contract No. 232, dated November 24, 1899, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys, has been correctly copied from the original notes on file in this office.

United States Surveyor General